S8100-1

BIENNIAL REPORT

of the

DEPARTMENT of PUBLIC SERVICE

STATE OF VERMONT

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JULY 1, 1982–JUNE 30, 1984

TABLE OF CONTENTS

Letter of Transmittal iv
Introduction v

CHAPTER I – GENERAL
Statement of Cash Receipts and Disbursements 1

CHAPTER II – ELECTRIC UTILITIES
Vermont Power Supply Sources 3
Future Sources of Power 4
Section 248 Cases 5
Vermont Yankee Nuclear Power Corporation 5
Residential Conservation Corp. 5
Hydroelectric Power 5
PURPA 5
Rates 6
Current Residential Rates 7–8
Revenue and Usage of Residential Customers 9–10
Graph – Average Cost per KWH for Residential and Rural Service 11
Graph – Average Use per Residential and Rural Customer per year 11
State Line Allocations of St. Lawrence & Niagara Power 12
Comparative MWH Sales to Ultimate Consumers 13
Comparative Operating Revenues from Ultimate Consumers 13
Graph – Energy Sales 14
Chart – KWH Sales to Ultimate Customers – 1982 15
Chart – KWH Sales to Ultimate Customers – 1983 16
Chart – Sales to Ultimate Consumers 1982 17
Chart – Sales to Ultimate Consumers 1983 18
Chart – Revenues – 1982 19
Chart – Revenues – 1983 20
Chart – Sources of Energy to Electric Utilities – 1982 21
Chart – Sources of Energy to Electric Utilities – 1983 22
Condensed Operating Statements – 1982 23
Condensed Operating Statements – 1983 24
Condensed Balance Sheets – 1982 25
Condensed Balance Sheets – 1983 26
NYPA Power – Statement of Income and Disbursements 27
Graph – Distribution of Electrical Energy 28

CHAPTER III – GAS UTILITIES
Propane-Air Gas and Company Summaries 29–30
Gas Utilities Comparison of Demand 31
Typical Monthly Bills – Residential Gas Service in Vermont 32
Operating Revenues and Expenses 33
Comparative Statement of Net Plant Investment 34

CHAPTER IV – TELECOMMUNICATIONS

CATV 35–36
List – Vermont Cable Television Systems 37
Telephone 38–40
Telephone Net Plant in Service – 1982 and 1983 41
Telephone Utilities Operating Revenues and Expenses – 1982–1983 42
Telephone and Revenue Growth – 1982–1983 43
New England Telephone & Telegraph Co. – Telephones in Use 44
Combined Independent Telephone Companies – Telephones in Use 44

CHAPTER V – WATER UTILITIES

Rate Comparisons – Private Water Systems 45–46

STATE OF VERMONT
DEPARTMENT OF PUBLIC SERVICE
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TO: The General Assembly of the State of Vermont

The Department of Public Service presents its Biennial Report for the period from July 1, 1982 through June 30, 1984, in accordance with the provisions of 30 V.S.A., Section 24.

Respectfully submitted,

RICHARD H. SAUDEK
Commissioner

INTRODUCTION

On February 1, 1981, the Public Service Department and the Public Service Board split into two distinct offices. The Board continued to perform quasi-judicial duties, i.e., hearing rate requests, utility siting cases, condemnation cases and other matters within its jurisdiction. The Department was charged with representing the public before the Board, power planning for the future, handling day-to-day consumer affairs, making and administering contracts for the purchase of power on behalf of the State and other regulatory functions.

Among the highlights of the biennium was the negotiation of a 150 megawatt firm power contract with Hydro-Quebec, which was signed July 25, 1984. The contract calls for the purchase of the power over a ten-year period. The electricity will replace low-cost power purchased from the New York Power Authority, which is expected to be phased out gradually from mid-1985 to mid-1995. Additionally, the Quebec electricity will substitute for power generated by Vermont Yankee when the nuclear plant closes for approximately seven months in 1985 for repairs. It is estimated that Vermonters will save $100 million in power costs over the contract's ten-year term.

Perhaps more important than the ten-year savings is the opening of a major Vermont power link with Quebec. We expect that future Vermont power supplies will be more reliable and much less expensive as a result of our tapping of Quebec's enormous hydroelectric resources.

In addition, a high voltage direct current (HVDC) transmission line connecting New England with Quebec is currently under construction in Vermont's Northeast Kingdom. Upon completion, this line will enable New England to import substantial amounts of power from Quebec which should save New England ratepayers several million dollars during the first full year of operation (1987) and increase savings in subsequent years. Vermonters will receive either 10 percent of these savings or, if it is more beneficial, may use 10 percent of the line for power purchases.

On July 1, 1983 the Conservation and Renewable Energy Unit (CARE) of the Department was created to replace the Vermont Energy Office, which had been discontinued by a statute passed in 1983.

CARE Unit programs are aimed primarily at energy conservation. They include residential, industrial-commercial, and institutional audits performed under the Home Energy Audit Team (HEAT), Vermont Industrial Energy Conservation Advisory Program (VIECAP) and Schools and Hospitals program (SHLP).

The CARE unit renewable energy program assists in the development and testing of automated wood systems and facilitates wood use in the commercial, industrial and institutional sectors.

The Information and Education Program provides energy-related information through publications, audio-visuals and through a toll-free Energy Action line.

Another of the Department's major efforts has involved litigation to preserve valuable contracts to receive power from the New York Power

Authority (NYPA). One contract, for 50 megawatts, was extended in 1980 to expire in mid-1985. This contract was approved by NYPA Trustees and has subsequently been appealed to the Federal Energy Regulatory Commission (FERC). It is expected that a final FERC decision will be forthcoming in 1985. Whatever decision is reached will probably be appealed in the federal courts. In addition, the NYPA Trustees have decided to reduce Vermont's share of NYPA power each year after June 1985, until Vermont will receive only four megawatts in 1995-96. This decision will be appealed.

When the Legislature created the Public Service Department, it enacted a law designating the Department as the State's utility planning agency for obtaining adequate utility service at minimum cost. The law mandated a Department Planning Division under a Director of Utility Planning, which would issue an electric energy plan to serve as a basis for State energy policy. The plan, which was issued on March 31, 1983, is the sole comprehensive study of Vermont's electric energy situation. The plan has worked successfully in guiding subsequent utility actions. Among the most significant outcomes was the development and submittal of utility conservation plans (estimated savings $275 million—present value 1982).

During the 1982 Legislative Session, a law was passed requiring that the Department conduct an energy study so that energy decisions can be made which are consistent with State energy policy. This study, which examines all energy supplies and uses in Vermont, was issued on January 15, 1984.

One of the largest activities of the Department is carried on through the Division of Public Advocacy. The Department reviews every filing by utilities with the Public Service Board. If the Department determines these filings to be inconsistent with the public interest, it represents the public before the Board.

In a typical year, the Division of Public Advocacy is required to appear in more than one hundred cases before the Board, and in several cases on appeal from the Board before the Vermont Supreme Court. These range from major rate cases involving the largest electric and telephone utilities to individual consumer complaints, cable television service problems and complicated utility financings.

In addition to the above, the Department handles consumer affairs problems, mostly involving negotiation between the utilities and customers who are about to lose their utility service. Over 3,500 complaints and requests for information were dealt with in the last biennium.

Also, the Department is involved in policy matters, such as the development of small hydroelectric generating stations, changes in electric rate structures, new approaches to handling wholesale power transactions and transmission within the State.

Another ongoing obligation is the oversight of Vermont Yankee Nuclear Power Station and other electric generating units in the State.

Richard H. Saudek
Commissioner

DEPARTMENT OF PUBLIC SERVICE
STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS
Fiscal Years Ended June 30, 1983 and 1984

Description	Fiscal 83	Fiscal 84
Cash Balance Brought Forward July 1 ...	$ 744,035.25	$ 797,135.26
Add: Receipts		
Gross Revenue Tax	1,461,425.51	1,553,735.18
Gross Revenue Tax Refunds	-24,746.35	–
Reimbursement by:		
State Power Allottees	237,888.10	245,498.65
Federal Grant – Gas Safety Act.	3,587.00	31,775.00
Rate Case Reimbursement	693,056.22	230,272.57
Sale of Service	303.14	1,160.83
From Encumbrance	2,545.69	–
Total Receipts & Reimbursements.....	$ 937,380.15	$ 508,707.05
Total Funds Available	$ 3,118,094.56	$ 2,859,577.49
Expenses:		
Personal Services:		
Salaries/staff:		
Administration	$ 95,326.72	$ 76,508.00
Clerical	81,679.67	86,769.45
Engineers	195,896.74	197,569.99
Accounting, Auditing & Economic	73,877.29	65,977.07
Consumer Affairs	51,104.72	44,404.80
Exempt Legal Positions	121,359.04	119,654.00
VSEA Contract--Standby	–	25,419.88
Planning Division	122,733.63	107,391.09
Temporary Positions	17,229.27	12,618.00
Contractural Services:		
Accounting, Auditing & Economic	185,807.95	213,393.99
Engineering	72,602.93	21,029.88
Legal	199,341.24	80,291.88
Research	7,967.65	67,553.94
Miscellaneous	144,012.13	86,388.79
State Contributions:		
Dental	3,384.36	5,431.92
Group Hospital Insurance	23,265.44	24,466.89
Group Life Insurance	2,077.50	2,224.05
Retirement	75,546.43	77,735.47
Social Security	49,412.92	48,508.44
Sub-total Personal Services	$ 1,522,625.63	$ 1,363,337.53
Operating Expenses:		
Supplies, Materials and Parts	$ 8,266.95	$ 8,960.42
Advertising.....	2,053.36	698.09
Data Processing.....	14,609.09	9,931.88
Subscriptions	5,960.17	5,969.99
Meetings, Registrations	2,141.95	2,153.64
Employee Tuition	1,866.60	2,240.56
Freight and Express.....	1,734.66	-5,009.12
Postage.....	5,454.02	5,590.37
Printing and Duplicating	3,202.24	-389.93
Rentals	44,226.50	36,559.90
Repair and Maintenance.....	9,377.40	19,860.32
Telephone and Telegraph.....	37,050.62	29,448.22
Travel In-State.....	19,245.74	12,612.47
Travel Out-State	18,455.21	20,229.48

Equipment	9,584.14	46,530.57
Sub-Total Operating Expenses	$ 183,228.65	$ 195,386.86
Total Disbursement	$ 1,705,854.28	$ 1,558,724.39
Encumbrance	–	5,109.22
Transfer to Public Service Board	615,105.02	719,474.43
Ending Balance	$ 797,135.26	$ 576,269.45

ELECTRIC UTILITIES

Vermont Power Supply Sources During the Biennium.

The power supplied by the New York Power Authority (NYPA formerly PASNY) provided one-fifth of the electric energy [kilowatt hours (KWH)] used in Vermont during the biennium. The contract for Niagara Project power was renewed effective January 1, 1980 under different terms which resulted in Vermont receiving about 7% less NYPA energy. The renewal term extends to June 30, 1985, when the present contract for St. Lawrence Project power expires. Litigation regarding renewal of both contracts is in progress. The annual combined KWH sales of energy to this Department from the St. Lawrence Project and the Niagara Project, compared to the total Vermont KWH requirements, are shown in the following table:

Year	KWH NYPA (State Line)	Requirements Supplied by NYPA	Total State Requirements KWH
1964	963,550,000	62	1,568,374,000
1965	889,961,000	52	1,709,390,000
1966	905,354,000	48	1,889,497,000
1967	974,712,000	47	2,087,902,000
1968	1,072,206,000	47	2,276,812,000
1969	994,009,000	39	2,549,992,000
1970	912,204,000	32	2,814,164,000
1971	920,592,000	30	3,069,176,300
1972	1,094,360,000	33	3,358,317,800
1973	1,131,104,000	33	3,403,345,200
1974	1,106,928,000	33	3,340,529,900
1975	1,122,792,000	33	3,385,609,200
1976	1,102,700,000	31	3,600,999,700
1977	1,026,248,000	28	3,602,094,800
1978	953,364,000	25	3,812,567,700
1979	994,080,000	25	3,903,015,800
1980	883,259,000	21	4,109,184,100
1981	883,142,000	21	4,261,930,100
1982	893,919,000	20	4,300,870,000
1983	895,665,000	20	4,411,528,700
1984 (6 mos.)	447,815,000	19	2,371,534,800

The Department is involved in litigation on two fronts concerning the NYPA power. At the Federal Energy Regulatory Commission (FERC), the Massachusetts Municipal Wholesale Electric Company and the Connecticut Municipal Electric Energy Cooperative have challenged NYPA's 1980 allocations of Niagara Project power to out-of-state entities, which include 50,000 kilowatts to Vermont for the period January 1, 1980 through June 30, 1985. At NYPA, the Department is involved in litigation relating to out-of-state allocations of NYPA power from the Niagara Project and the St. Lawrence Project. Vermont presently receives 100,000 kilowatts from the St. Lawrence Project. The outcome of both actions will have a large effect on power costs in Vermont, since NYPA power still costs less than one cent per KWH.

In addition to NYPA, Vermont's load during the biennium was supplied by Vermont Yankee, in-state hydro and fossil generation, the Merrimack Unit No. 2 of the Public Service Company of New Hampshire, Canal Unit No. 2 of the Canal Electric Company, New Brunswick, three

out-of-state nuclear units, the Middletown and Montville Units of Northeast Utilities, Wyman Unit No. 4 of the Central Maine Power Corporation, Ontario Hydro, the New England Power Pool (NEPOOL), and the Stony Brook combined cycle plant. Toward the end of the biennium, McNeil wood fired generation started supplying energy to the state.

During the biennium the Department received a refund from NYPA in the amount of $952,435.81. This refund was due to a debt retirement by NYPA resulting in a decrease in their rates of 13.4%, effective December 31, 1981. This refund represents the difference between payments made to the Power Authority under the then current rates and the payments that would have been made if the new rates had been in effect since January 1, 1982. Accrued interests was included. The refund was passed through directly to Vermont's residential and farm consumers. The approximate refund per customer was $4.50.

Future Sources of Power

In 1984 the Department of Public Service executed a long term contract with Hydro-Quebec to import 150 MW of firm power and up to 1.3 billion kWh of energy annually over a ten year period commencing in September of 1985. In addition, the DPS executed an interconnection agreement with Hydro-Quebec which permits the State to import supplemental economy energy from Quebec to the extent that transmission capacity is available for this purpose. Energy purchased under both agreements will be imported over transmission facilities presently under construction in Highgate and Franklin, Vermont, including a high voltage AC/DC/AC converter station which will permit interconnected operation of the Vermont-Quebec transmission systems.

Other power sources which are planned or presently under construction to meet future electric demands include Seabrook No. 1 (into which Vermont utilities have purchased or contracted for 33.3 MW), Millstone III (27 MW), and a number of in-state generation facilities fueled by renewable resources which are being developed by both utilities and independent small power producers, the largest of which is the Sheldon Springs project (25 MW) on the Missisquoi River in northwestern Vermont.

The Department initiated transmission studies in cooperation with Ontario-Hydro to investigate the feasibility of expanding the capability of Vermont's transmission interconnection with the New York Power Authority for the purpose of importing substantially larger amounts of favorably priced firm power and energy from Ontario-Hydro's coal and nuclear sources.

The proposed Sears Island coal-fired plant, with which Vermont utilities had contracted for approximately 30 MW, was formally cancelled in 1984 by the lead participant, Central Maine Power Company. Construction on Seabrook No. 2 was suspended in 1984, and it is expected that the project will be formally cancelled in 1985. Vermont utilities had contracted for 33.3 MW of Seabrook No. 2.

Section 248 Cases

During the biennium, 27 projects filed for a certification under 30 V.S.A., Section 248, 22 are completed and 8 are pending. Many of the 248 hearings were held for new hydro generating facilities.

One of the most significant projects was an application by Vermont Electric Power Company for a new converter station to be located in Highgate. This converter station will be used to bring in power contracted by this Department from Hydro-Quebec.

In addition, a +450 KV direct current power line through northeastern Vermont from the Quebec border to the Connecticut River is under construction. This facility will be capable of 690,000 KW, about 67,000 KW of which will be available to Vermont in Phase I of the project. Phase II would result in 2,000,000 KW for New England and almost 200,000 KW for Vermont.

Vermont Yankee Nuclear Power Corporation

Vermont Yankee supplied about 41% of Vermont's electrical energy during the biennium. Since it began operation in 1972, through June 30, 1984, it had generated over 37 billion net kWh. Its cumulative capacity factor (capacity factor is the actual generation divided by the amount it would have generated if operated continually at 100% of its capacity for the whole period of time) is 69%, the highest of all domestic boiling water reactors operating longer than 3 years. The capacity factor in 1982 was 93% and 64% in 1983.

Residential Conservation Corporation

In accordance with the National Energy Conservation Policy Act of 1978 as amended by the Energy Security Act of 1980, the Public Service Department has been the lead agency in organizing the Residential Conservation Corporation (RCC). The RCC is a corporation funded primarily by Vermont's largest utilities, to advise Vermonters on cost effective conservation and home renovation measures. The RCC is designed to help the homeowner obtain high quality workmanship at a reasonable price. It came into existence in November of 1979.

Hydroelectric Power

The high level of interest in hydroelectric generation of the past several years has resulted in a shift of effort from engineering feasibility studies to obtaining the required regulatory approvals. The majority of these projects are being developed by independent power producers in response to the PURPA incentives. The Public Service Department has kept pace with the maturation of this interest and has evolved from providing technical information regarding how to find and develop a hydroelectric site to providing assistance to developers to meet the regulatory requirements of their projects.

PURPA

The Public Service Board and Department are both actively engaged in the process of implementing the Public Utility Regulatory Policies Act of 1978 (PURPA). Two of the stated objectives of PURPA are to en-

courage small scale power production and to reduce the use of imported oil. In April 1983 the Public Service Board adopted Rule 4.100 – Small Power Production to replace General Order 65 as the rule setting forth the procedures for establishing rates and governing the purchase of small power production by utilities. The first set of recommended rates was developed by the Department of Public Service and heard in a docket before the Public Service Board in 1983.

Rates

During the past biennium many of the State's electric distribution utilities received one or more rate increases. The major force behind many of the municipalities' rate requests was the wood fired McNeil generating station coming on line. Presently there are two major rate design cases pending before the Board and orders in these cases are expected to set the rate design policy for the foreseeable future. In addition to the pending rate design cases, the Vermont Public Power Supply Authority is in the process of preparing cost allocation and rate design cases for its member utilities. These cases prepared by VPPSA reflect the first cost allocation work done for these member utilities since the mid 1970's.

The latter half of the biennium saw a reduction in the number of rate cases filed and a reduction in the percentage of increase requested. The factors contributing to this reduction in workload have been attributed to the leveling of purchase power costs as well as the reduction in the inflationary pressures. The second half also saw the settlement of certain requests due to careful negotiating and involvement of the Department staff with the utilities. Settlements result in much lower revenue levels than were originally requested and the reduction of time and money spent on fully litigated rate cases. The Department continues to believe that settling rate cases is a benefit to both the ratepayers and utilities alike.

The biennium also saw the purchase of the New Hampshire Electric Cooperative and the Public Service Company of New Hampshire territories by Citizens Utilities. The purchase was completed August 1, 1983 and at the present time each territory is served under a separate rate schedule. It is expected that the rates for each of the territories will be folded into the tariffs of Citizens in the very near future.

Current Residential Rates

	25 KWH	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH	2000 KWH	3000 KWH
Hyde Park, Village of									
0–150	4.50	6.75	16.75	38.00	59.25	80.50	123.00	165.50	250.50
150+ Usage November–April	4.50	6.75	13.45	26.45	39.45	52.45	78.45	104.45	156.45
150+ Usage May–October	4.50	6.75	15.10	32.23	49.35	66.48	100.73	134.98	203.48
Franklin Elec. Light Co.									
0–200	5.88	8.50	15.50	33.00	50.50	68.00	103.00	138.00	208.00
200+ Usage November–April	5.88	8.50	14.00	24.00	34.00	44.00	64.00	84.00	124.00
200+ Usage May–October	5.88	8.50	14.75	28.50	42.25	56.00	83.50	111.00	166.00
Swanton, Village of									
0–100	7.62	7.62	15.11	35.26	55.41	75.56	115.86	156.16	236.76
100+ Usage November–April	7.62	7.62	10.87	23.94	37.02	50.09	76.24	102.39	154.69
100+ Usage May–October	7.62	7.62	12.99	29.60	46.22	62.83	96.05	129.28	195.73
Burlington Electric Department									
0–300	4.15	6.55	11.35	27.75	46.25	64.75	101.75	138.75	212.75
300+ Bills December–March	4.15	6.55	11.35	23.75	37.25	50.75	77.75	104.75	158.75
300+ Bills April–November	4.15	6.55	11.35	25.08	40.25	55.42	85.75	116.08	176.75
Central Vermont Public Service Corp.									
0–200	6.61	9.11	18.59	49.37	80.15	110.93	172.50	234.06	357.19
200+ Bills January–April	6.61	9.11	15.00	27.83	40.67	53.50	79.17	104.84	156.18
200+ Bills May–December	6.61	9.11	16.20	35.01	53.83	72.64	110.28	147.91	223.18
Vermont Electric Coop.									
0–125	7.80	9.90	23.35	48.85	74.35	99.85	150.85	201.85	303.85
125+ Usage November–April	7.80	9.90	19.10	36.10	53.10	70.10	104.10	138.10	206.10
125+ Usage May–October	7.80	9.90	20.87	41.41	61.95	82.50	123.58	164.66	246.83
Hardwick, Village of									
0–200	7.25	7.25	12.07	39.22	66.37	93.52	147.82	202.12	310.72
200+ Service November–April	7.25	7.25	9.93	26.38	42.83	59.28	92.18	125.08	190.88
200+ Service May–October	7.25	7.25	11.00	32.80	54.60	76.40	120.00	163.60	250.80
Enosburg Falls, Village of									
0–300	6.27	8.98	14.41	33.36	54.79	76.21	119.06	161.91	247.61
300+ Service November–April	6.27	8.98	14.41	28.44	43.72	58.99	89.54	120.09	181.19
300+ Service May–October	6.27	8.98	14.41	30.49	48.33	66.17	101.84	137.52	208.87
Citizens Utilities Co.									
400+									
PPFA (.00502)	8.02	8.06	10.71	23.59	36.48	49.36	75.13	100.90	152.44
Citizens Utilities (NHEC)									
All kWh	7.37	12.97	24.17	42.85	61.52	80.19	117.54	154.88	229.57
Citizens Utilities (PSNH)									
All kWh	7.33	12.52	22.91	40.20	57.51	74.80	109.40	144.00	213.20
Washington Electric Coop.									
0–150	8.83	11.32	22.05	44.71	67.37	90.03	135.36	180.68	271.33
150+ Usage November–April	8.83	11.32	18.96	33.92	48.87	63.83	93.74	123.65	183.47
150+ Usage May–October	8.83	11.32	20.51	39.32	58.12	76.93	114.55	152.17	227.40
Jacksonville, Village of									
0–120	6.20	8.30	19.39	39.64	59.89	80.14	120.64	161.14	242.14
120+ Service November–April	6.20	8.30	15.88	29.38	42.88	56.38	83.38	110.38	164.38
120+ Service May–October	6.20	8.30	17.64	34.51	51.39	68.26	102.01	135.76	203.26
Northfield, Village of									
0–250	6.00	6.00	7.05	31.80	56.55	81.30	130.80	190.20	279.30
250+ Usage December–April	6.00	6.00	7.05	21.05	35.05	49.05	77.05	105.05	161.05
250+ Usage May–November	6.00	6.00	7.05	25.53	44.01	62.49	99.45	140.53	210.32
Ludlow, Village of									
0–150	4.63	6.50	15.10	33.48	44.50	70.23	106.98	143.75	217.23
150+ Service November–April	4.63	6.50	11.65	21.40	27.25	40.90	60.40	79.90	118.90
150+ Service May–October	4.63	6.50	13.38	27.44	35.88	55.57	83.69	111.82	168.07
Lyndonville, Village of									
0–250	6.75	9.00	13.50	36.00	58.50	81.00	126.00	171.00	261.00
250+ Service November–April	6.75	9.00	13.50	27.75	42.00	56.25	84.75	113.25	170.25
250+ Service May–October	6.75	9.00	13.50	31.88	50.25	68.63	105.38	142.13	215.63

	25 KWH	100 KWH	250 KWH	500 KWH	750 KWH	1000 KWH	1500 KWH	2000 KWH	3000 KWH
Stowe, Village of									
0–100	5.80	5.80	19.35	47.60	75.85	104.10	160.60	217.10	330.10
100+ Usage December–April	5.80	5.80	13.80	32.80	51.80	70.80	108.80	146.80	222.80
100+ Usage May–November	5.80	5.80	16.11	38.97	61.82	84.68	130.38	176.09	267.51
Orleans, Village of									
0–170	4.00	7.00	15.80	34.55	53.30	72.05	109.55	147.05	222.05
170+ Usage November–April 1	4.00	7.00	14.20	27.95	41.70	55.45	82.95	110.45	165.45
175+ Usage April 1–October 31	4.00	7.00	14.87	30.70	46.53	62.37	94.03	125.70	189.03
Johnson, Village of									
0–175	4.63	6.50	11.23	20.73	30.23	39.73	58.73	77.73	115.73
175+									
Vermont Marble Company									
100+ Bills January–April	5.75	5.75	15.00	30.00	45.00	60.00	89.75	120.00	180.00
100+ Bills May–December	5.75	5.75	12.00	24.00	36.00	48.00	72.95	96.00	144.00
Readsboro, Village of									
0–160	6.25	8.50	15.43	29.68	43.93	58.18	86.68	115.18	172.18
160+ Usage November–April	6.25	8.50	13.90	23.90	33.90	43.90	63.90	83.90	123.90
160+ Usage May–October	6.25	8.50	14.54	26.31	38.08	49.85	73.39	96.93	144.02
Green Mountain Power									
0–300	6.60	9.92	16.55	38.73	63.69	88.65	138.57	188.49	288.33
300+ Bills December–April	6.60	9.92	16.55	29.88	43.78	57.68	85.48	113.28	168.88
300+ Bills May–November	6.60	9.92	16.55	33.57	52.08	70.58	107.60	144.62	218.65
Barton, Village of									
0–150	5.70	5.70	12.40	29.15	45.90	62.65	96.15	129.65	196.65
150+ Usage Nov. 1–Apr. 30	5.70	5.70	10.10	21.10	32.10	43.10	65.10	87.10	131.10
150+ Usage May 1–October 31	5.70	5.70	11.25	25.13	39.00	52.88	80.63	108.38	163.88
Allied Power & Light Co.									
20 kWh or less									
21–40									
41–60									
61+									
PPFA	3.25	8.60	18.66	35.42	52.18	68.94	102.46	135.99	203.03
Morrisville, Village of									
0–150	6.44	8.82	19.95	43.81	67.66	91.52	139.23	186.94	282.36
150+ Usage November–April	6.44	8.82	16.70	32.41	48.13	63.85	95.28	126.72	189.59
150+ Usage May–October	6.44	8.82	18.33	38.11	57.90	77.69	117.26	156.83	235.98
Rochester Elec. Light & Power Co.									
0–150	4.93	6.80	12.95	25.20	37.45	49.70	74.20	98.70	147.70
150+ Bills December–May	4.93	6.80	10.85	17.85	24.85	31.85	45.85	59.85	87.85
150+ Bills June–November	4.93	6.80	11.90	21.53	31.15	40.78	60.03	79.28	117.78

VERMONT PUBLIC SERVICE DEPARTMENT
REVENUES AND USAGE OF RESIDENTIAL CUSTOMERS
FOR THE YEAR ENDED DECEMBER 31, 1982

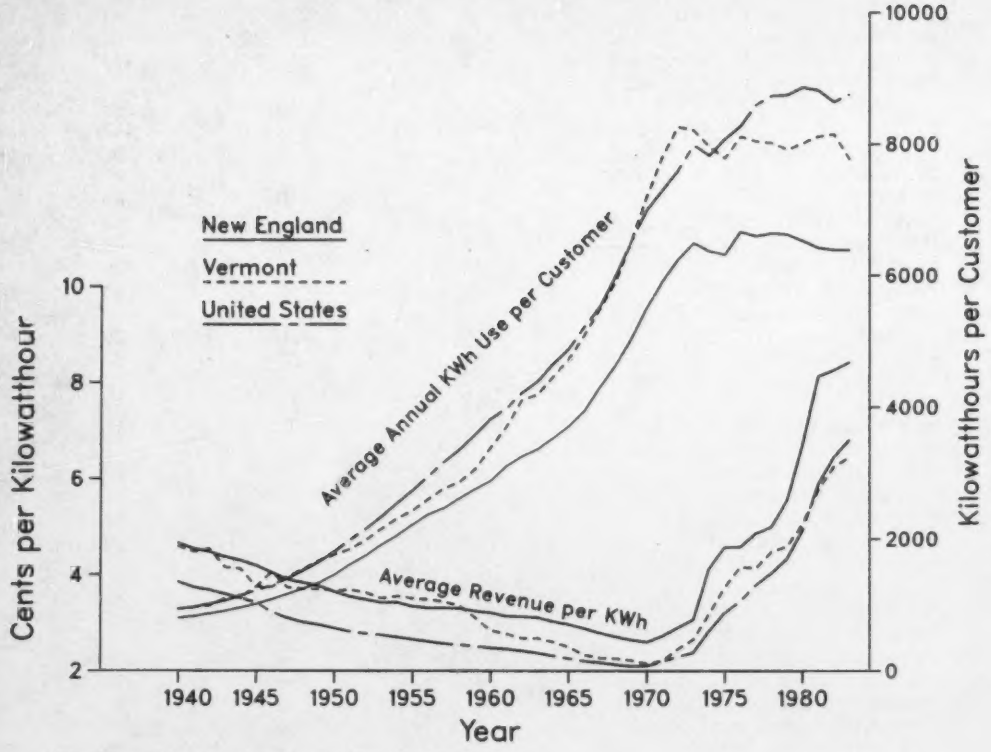
Company	Revenue	KWH	Number of Customers	Average Usage	Revenue per KWH Sold	Company Rank
Allied Power & Light Co.	$ 1,022,709.51	17,637,369	2,190	8,054	5.80	13
Barton Village, Inc.	456,789.74	9,574,445	1,409	6,795	4.77	6
Burlington, City of	4,934,294.00	103,697,000	13,156	7,882	4.76	5
Central Vt. Public Service Corp.	48,097,831.00	744,962,000	93,704	7,950	6.46	20
Citizens Utilities Co.	4,648,149.00	92,801,000	13,479	6,885	5.01	9
Enosburg Falls, Village	419,261.01	9,068,826	947	9,576	4.62	4
Franklin Electric Lt. Co., Inc.	340,349.06	7,135,305	705	10,121	4.77	7
Green Mountain Power Corp.	31,332,624.00	484,079,300	53,908	8,980	6.47	21
Hardwick, Village of	1,025,028.86	17,379,723	2,894	6,005	5.90	14
Hyde Park, Inc., Village	341,583.50	5,580,541	693	8,053	6.12	17
Jacksonville, Village	152,523.48	2,496,358	431	5,792	6.11	16
Johnson, Village	189,267.02	5,263,661	512	10,281	3.60	1
Ludlow, Village	657,851.49	11,706,841	1,798	6,511	5.62	12
Lyndonville, Village	1,183,418.00	24,048,000	3,035	7,924	4.92	8
Morrisville, Village	1,060,411.00	17,623,000	2,467	7,143	6.02	15
P.S.N.H.	430,110.00	5,116,000	901	5,678	8.41	24
N.H. Coop.	77,531.00	912,342	209	4,365	8.50	25
Northfield Elec. Dept., Village	459,968.57	11,196,536	1,338	8,368	4.11	2
Orleans, Vt., Inc., Village	202,905.92	3,823,372	529	7,228	5.31	10
Readsboro, Village	78,313.36	1,423,172	307	4,636	5.50	11
Rochester Electric Lt. & Power Co.	282,205.49	4,583,868	560	8,185	6.16	19
Stowe Village	1,176,573.62	19,164,866	1,808	10,600	6.14	18
Swanton Village Elec. Lt. Co.	1,079,610.00	22,038,067	2,268	9,717	4.90	7
Vt. Electric Co-op., Inc.	5,798,583.00	85,117,000	9,591	8,875	6.81	22
Vermont Marble Company	241,978.28	5,511,651	769	7,167	4.39	3
Washington Electric Co-op., Inc.	3,179,615.00	44,864,290	6,031	7,439	7.09	23
Total	$108,869,484.91	1,756,804,533	215,639	8,147	6.20	

VERMONT PUBLIC SERVICE DEPARTMENT
REVENUES AND USAGE OF RESIDENTIAL CUSTOMERS
FOR THE YEAR ENDED DECEMBER 31, 1983

Company	Revenue	KWH	Number of Customers	Average Usage	Revenue per KWH Sold	Company Rank
Allied Power & Light Co.	$ 1,179,150.34	18,000,031	2,232	8,065	6.55	16
Barton Village, Inc.	541,088.37	9,498,581	1,373	6,918	5.69	8
Burlington, City of	5,594,515.00	103,325,000	13,368	7,729	5.41	5
Central Vt. Public Service Corp.	49,372,352.00	756,920,000	95,288	7,943	6.52	15
Citizens Utilities Co.	4,930,167.00	95,048,000	14,032	6,774	5.18	3
Enosburg Falls, Village	588,701.70	9,134,791	965	9,466	6.44	14
Franklin Electric Lt. Co., Inc.	381,975.71	7,381,939	714	10,339	5.17	2
Green Mountain Power Corp.	32,321,096.00	483,595,700	54,889	8,810	6.68	17
Hardwick, Village of	1,055,309.71	18,052,109	2,902	6,221	5.84	10
Hyde Park, Inc., Village	387,064.00	5,652,629	740	7,639	6.84	19
Jacksonville, Village	168,293.28	2,464,072	437	5,639	6.82	18
Johnson, Village	221,457.52	5,567,374	527	10,564	3.97	1
Ludlow, Village	861,855.06	12,132,511	1,873	6,478	7.10	20
Lyndonville, Village	1,407,191.00	22,790,000	3,121	7,302	6.17	12
Morrisville, Village	1,300,317.00	17,129,000	2,297	7,457	7.59	22
*P.S.N.H.	266,091.00	2,976,000	446	6,673	8.94	25
*N.H. Coop.	50,324.00	543,000	209	2,598	9.26	26
New England Power Co.	—	—	—	—	—	—
Northfield Elec. Dept., Village	598,369.96	11,018,745	1,425	7,732	5.43	6
Orleans, Vt., Inc., Village	231,387.34	3,787,819	529	7,160	6.10	11
Readsboro, Village	80,107.22	1,416,534	276	5,132	5.65	7
Rochester Electric Light & Power Co.	314,506.11	4,952,124	600	8,254	6.35	13
Stowe Village	1,508,127.52	18,563,025	1,884	9,853	8.12	24
Swanton Village Elec. Lt. Co.	1,280,035.00	22,109,511	2,321	9,526	5.78	9
Vt. Electric Co-op., Inc.	6,165,501.00	83,099,000	9,792	8,486	7.41	21
Vermont Marble Company	300,692.87	5,684,398	774	7,344	5.28	4
Washington Electric Co-op., Inc.	3,433,224.00	45,097,000	6,121	7,368	7.61	23
Total	$114,538,899.71	1,765,938,893	219,135	8,059	6.48	

*Sold to Citizens Utilities—August, 1983

REVENUES PER KILOWATTHOUR AND USE PER CUSTOMER, FOR RESIDENTIAL CUSTOMERS, 1940–1983



Source: Electric Council of New England and Edison Electric Institute

STATE LINE ALLOCATIONS OF ST. LAWRENCE PROJECT POWER AND NIAGARA PROJECT POWER AS OF June 30, 1982

	St. Lawrence Allocation KW	Niagara Base Allocation KW	Niagara Peaking Allocation KW
Allied Power & Light Company	664	250	63
Barton Village, Inc.	456	165	41
Burlington Electric Light Deptment	9,383	3,810	953
Central Vermont Public Service Corp.	45,790	16,254	4,063
Citizens Utilities Company	5,101	1,853	464
Enosburg Falls Inc., Village of	727	241	60
Franklin Electric Light Company Inc.	364	160	40
Green Mountain Power Corporation	26,317	9,552	2,388
Hardwick, Inc. Village of	1,229	415	103
Hyde Park, Village of	249	95	24
Jacksonville, Village of	122	58	14
Johnson Electric Light & Power Dept.	150	120	29
Ludlow, Electric Light Department	469	189	47
Lyndonville Municipal Electric Dept.	1,662	712	179
Morrisville, Village of	700	471	118
New England Power Company	...	...	...
New Hampshire Electric Cooperative, Inc.	...	...	...
Northfield Electric Department	915	387	97
Orleans, Inc., Village of	244	94	24
Public Service Company of New Hampshire	...	...	...
Readsboro Electric Light Dept.	113	33	9
Rochester Electric Light & Power Co.	232	78	19
Stowe, Village of	346	136	34
Swanton, Electric Light Company	...	610	153
Vermont Electric Cooperative, Inc.	2,661	1,371	342
Vermont Marble Company	10	149	37
Washington Electric Cooperative, Inc.	2,096	797	199
Totals	100,000	38,000	9,500

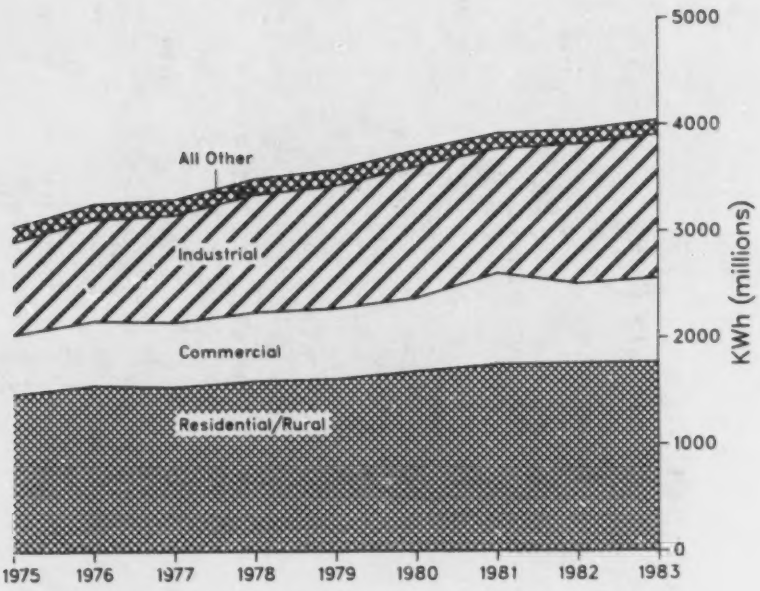
VERMONT ELECTRIC UTILITIES
COMPARATIVE MWH SALES TO ULTIMATE CONSUMERS

	1983	1982	1981	1980
Residential, Domestic and Rural	1,765,938.8	1,757,119.8	1,750,053.0	1,686,124.0
Commercial and Industrial	2,139,322.1	2,059,833.9	2,025,245.0	1,923,769.0
Street Lighting	18,936.5	18,728.1	18,406.0	18,630.0
Public Authorities	114,120.4	113,885.1	124,727.0	131,544.0
Total	4,038,317.8	3,949,566.9	3,918,431.0	3,760,067.0
Percentage of Increase	2.2%	1.0%	4.2%	5.0%

VERMONT ELECTRIC UTILITIES
COMPARATIVE OPERATING REVENUES FROM ULTIMATE CONSUMERS

	1983	1982	1981	1980
Residential, Domestic and Rural	$114,538,899	$108,886,395	$103,497,004	$ 86,074,314
Commercial and Industrial	123,796,322	112,681,029	96,903,172	77,482,390
Street Lighting	2,214,830	2,092,506	1,959,736	1,781,229
Public Authorities	8,313,180	7,804,432	7,333,402	6,248,303
Total	$248,863,231	$231,464,362	$209,693,314	$171,586,236
Percentage of Increase	7.5%	10.0%	22.2%	19.8%
Avg. selling price per KWH	$.06162	$.05860	$.05351	$.04563

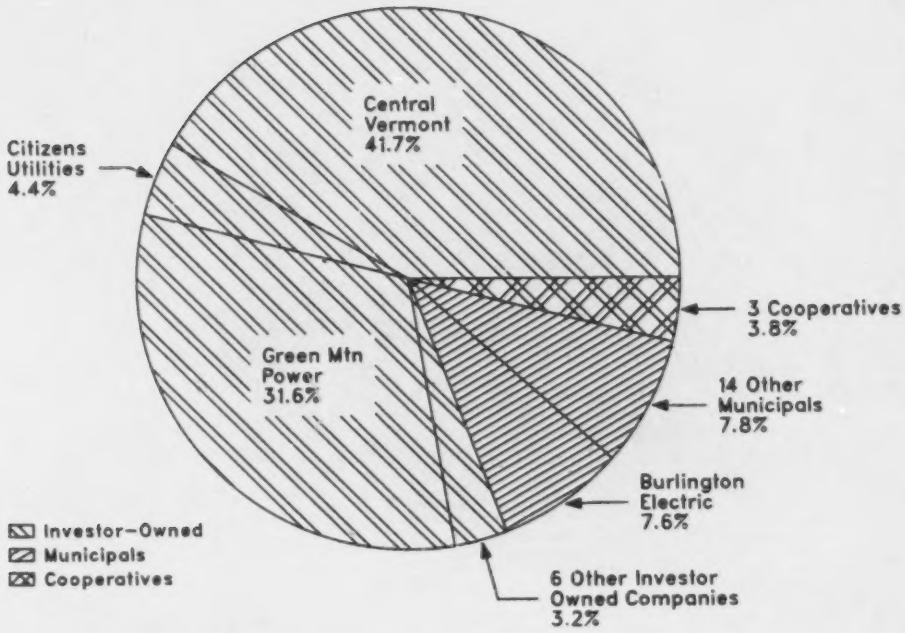
ENERGY SALES IN VERMONT
1975–1983



Source: Vermont Public Service Department

KWH SALES TO ULTIMATE CUSTOMERS IN VERMONT, 1982

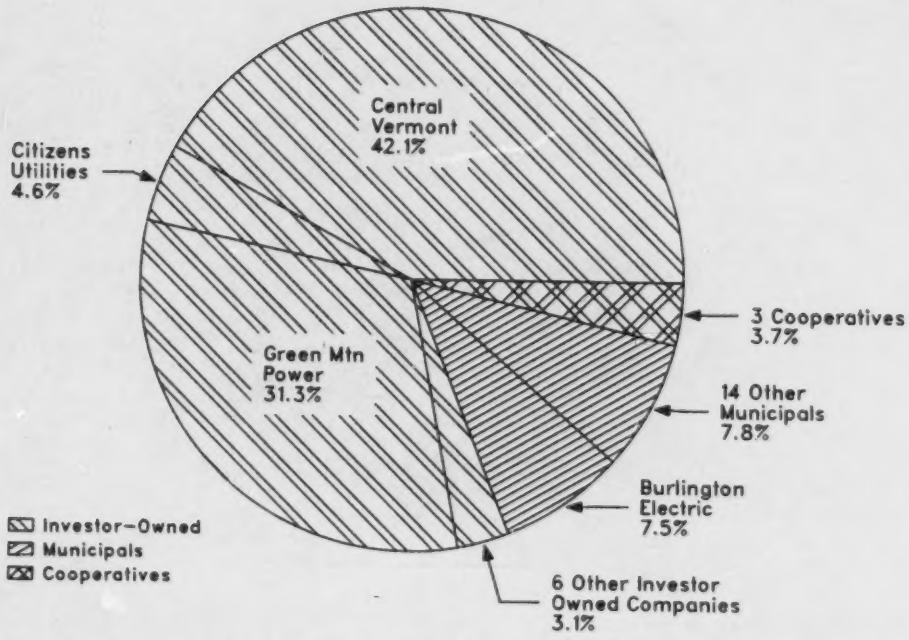
3950 million kWh



Source: Vermont Public Service Department

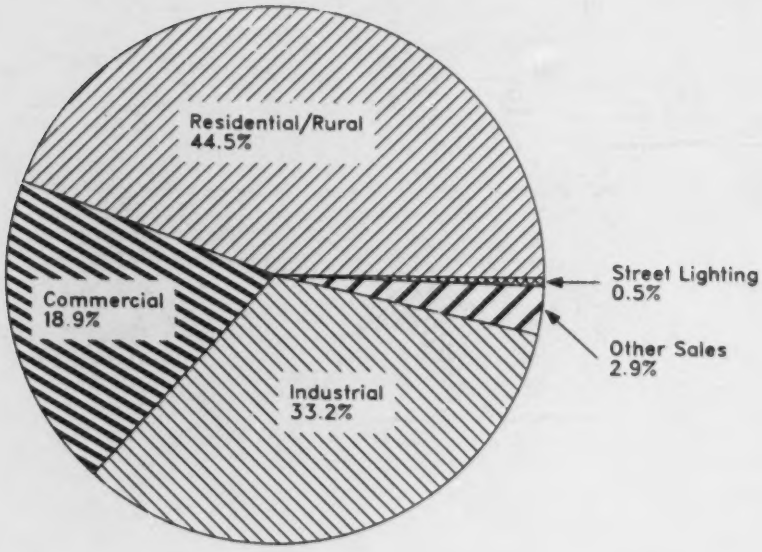
KWH SALES TO ULTIMATE CUSTOMERS IN VERMONT, 1983

4038 million kWh



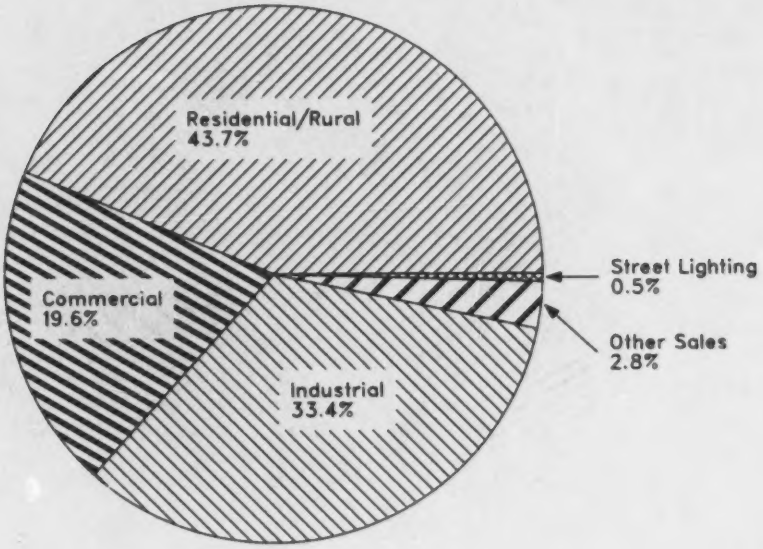
Source: Vermont Public Service Department

SALES TO ULTIMATE CONSUMERS BY VERMONT ELECTRIC UTILITIES, 1982



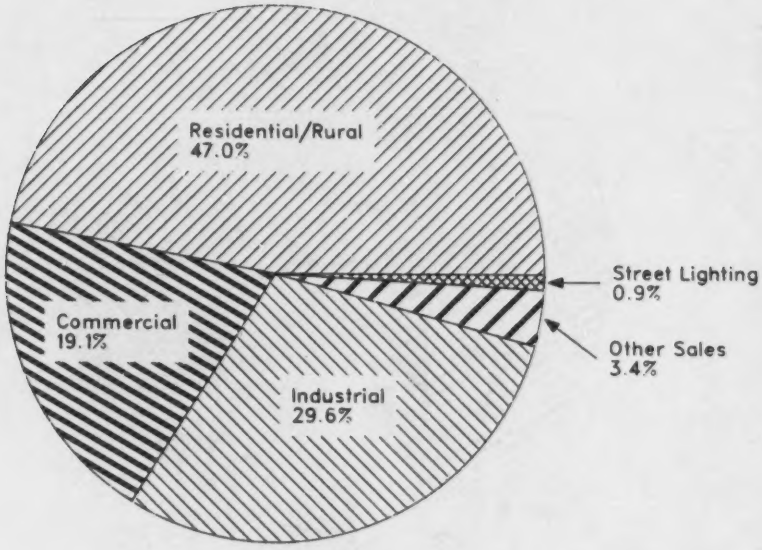
Source: Vermont Public Service Department

SALES TO ULTIMATE CONSUMERS BY VERMONT ELECTRIC UTILITIES, 1983



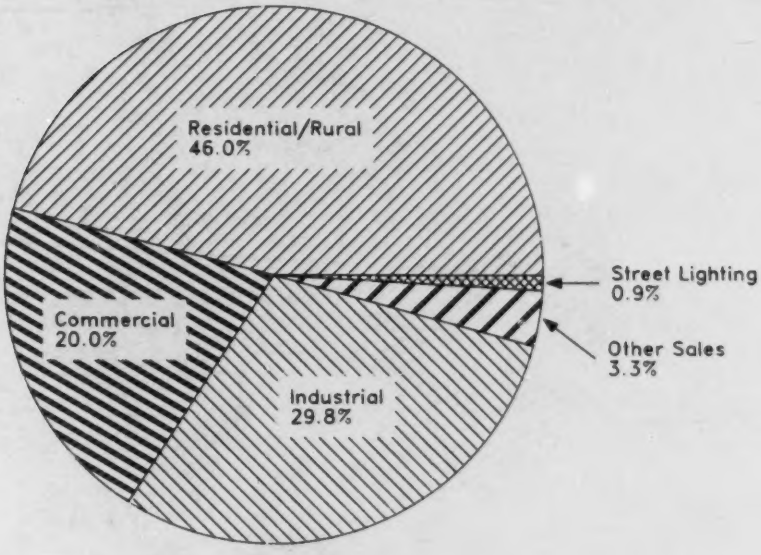
Source: Vermont Public Service Department

VERMONT ELECTRIC UTILITIES
REVENUES FROM ULTIMATE CONSUMERS, 1982



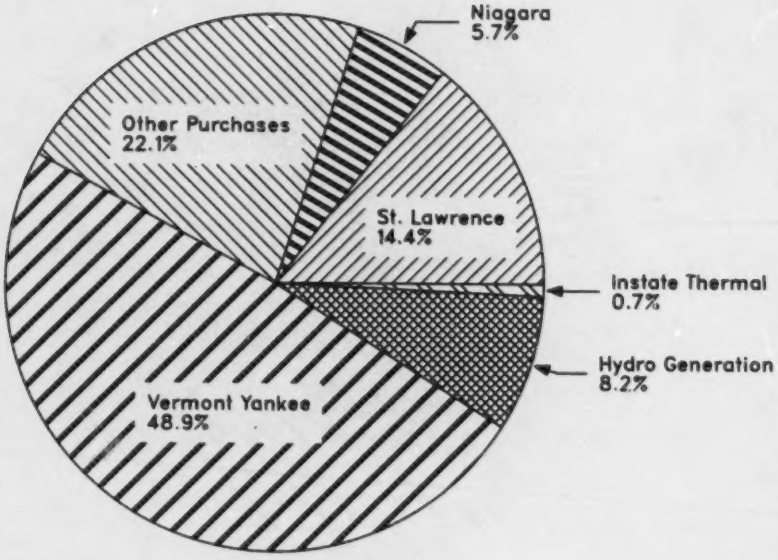
Source: Vermont Public Service Department

VERMONT ELECTRIC UTILITIES
REVENUES FROM ULTIMATE CONSUMERS, 1983



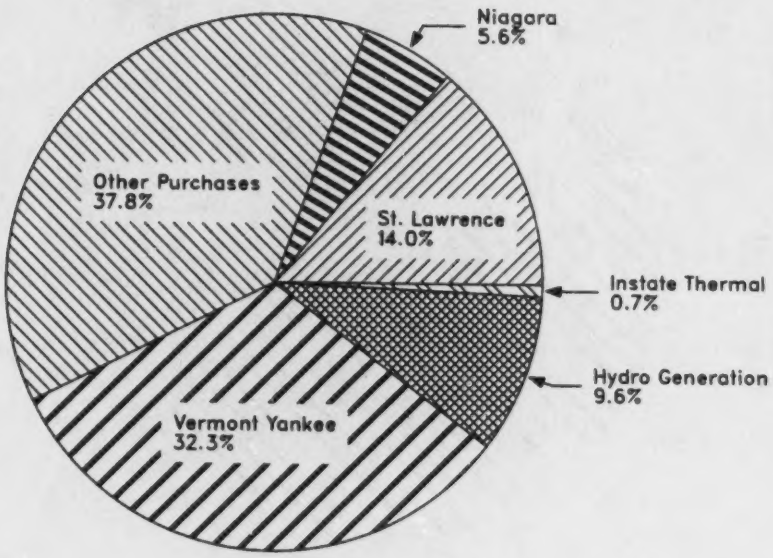
Source: Vermont Public Service Department

VERMONT ELECTRIC ENERGY SUPPLY, 1982
4457.6 MILLION KWH



Source: Vermont Public Service Department

VERMONT ELECTRIC ENERGY SUPPLY, 1983
4566.9 MILLION KWH



Source: Vermont Public Service Department

VERMONT ELECTRIC UTILITIES – CONDENSED OPERATING STATEMENT
FOR THE YEAR ENDED DECEMBER 31, 1982

	Total Revenues	Operation & Mainten. Expense	Other Depreciation & Amortization	Taxes Other Than Income Tax	Federal Income Tax	Vermont Tax & Other States	Total Operating Expenses	Net Utility Operating Income	Other Income Debt	Other Income Deductions	Extraordinary Income Items & Taxes	Interest Charges	Net Income
Private Utilities													
Central Vermont Public Serv. Corp.	$132,235,969	$ 93,682,925	$ 5,044,680	$ 4,894,124	$ 8,716,400	$ 2,302,585	$114,640,714	$ 17,595,255	$ 7,851,358	$ 3,367,794	$ – 622,441	$ 6,490,791	$ 16,210,469
Green Mountain Power Corp.	79,603,299	61,444,690	2,787,615	2,861,626	3,916,918	975,298	71,986,147	7,617,152	1,202,625	107,707	53,343	4,989,435	3,669,292
Citizens Utilities Company	8,907,453	6,121,602	469,204	641,357	691,135	125,647	8,048,945	858,508	–	7,084	–	2,666	848,758
Vermont Marble Company	1,780,426	1,769,803	74,742	123,286	–	–	1,967,831	– 187,405	–	–	–	–	– 187,405
Allied Power & Light Company	1,353,816	1,206,646	40,440	42,710	20,816	–	1,310,612	43,204	33,049	1,265	–	203	74,785
Rochester Electric Light & Power Co.	383,031	312,263	14,691	17,304	7,546	3,297	355,101	27,930	16,561	3,542	–	–	40,949
Franklin Electric Light Co.	360,567	296,591	24,872	10,459	4,519	–	336,441	24,126	1,618	25,744	–	2	– 2
Total	$224,624,561	$164,834,520	$ 8,456,244	$ 8,590,866	$13,357,334	$ 3,406,827	$198,645,791	$ 25,978,770	$ 9,105,211	$ 3,513,136	$ – 569,098	$ 11,483,097	$ 20,656,846
Municipal Utilities													
Burlington, City of	$ 20,149,425	$ 18,215,885	$ 831,865	$ 1,044,309	–	–	$ 20,092,059	$ 57,366	$ 556,378	–	–	$ 1,410,677	$ – 796,933
Morrisville, Village of	2,204,321	1,801,185	134,400	57,419	–	–	1,993,004	211,317	111,338	–	–	89,940	232,715
Lyndonville, Village of	2,290,604	1,688,135	161,626	70,970	–	–	1,920,731	369,873	89,857	–	–	191,408	268,322
Swanton, Village of	2,297,470	1,854,721	75,136	78,932	–	–	2,008,789	288,681	–	$ 6,883	–	164,978	116,820
Hardwick, Village of	1,522,994	1,303,706	58,877	81,299	–	–	1,443,882	79,112	–	–	–	56,924	22,188
Stowe, Village of	2,519,268	2,390,995	65,192	26,927	–	–	2,483,114	36,154	7,544	–	–	29,271	14,427
Ludlow, Village of	1,325,987	1,115,101	53,539	24,702	–	–	1,193,342	132,645	7,878	–	–	20,016	120,507
Northfield, Village of	1,122,224	964,088	39,024	32,350	–	–	1,035,462	86,762	42,633	–	–	60,932	68,463
Barton, Village of	734,645	549,932	25,936	20,766	–	–	596,634	138,011	18,507	12,751	–	35,546	108,221
Enosburg Falls, Village of	647,990	632,187	53,343	20,667	–	–	706,197	– 58,207	7,815	–	–	30,069	– 80,461
Hyde Park, Village of	464,634	380,069	21,908	15,484	–	–	417,461	47,173	9,600	–	–	24,037	32,736
Johnson, Village of	746,148	670,870	11,212	6,235	–	–	688,317	57,831	6,137	–	–	827	63,141
Jacksonville, Village of	229,075	204,924	13,410	9,861	–	–	228,195	880	3,778	–	–	–	4,658
Orleans, Village of	733,978	659,776	12,440	24,732	–	–	696,948	37,030	–	–	–	–	37,030
Readsboro, Village of	127,464	117,559	–	9,105	–	–	126,664	800	–	–	–	349	451
Total	$ 37,116,227	$ 32,549,133	$ 1,557,908	$ 1,523,758	–	–	$ 35,630,799	$ 1,485,428	$ 861,465	$ 19,634	–	$ 2,114,974	$ 212,285
Cooperative Utilities													
Vermont Electric Cooperative, Inc.	$ 6,894,835	$ 5,127,814	$ 589,553	$ 236,544	–	–	$ 5,953,911	$ 940,924	$ 184,969	$ 20,154	$ – 11,465	$ 570,217	$ 546,987
Washington Electric Cooperative, Inc.	3,578,192	2,563,634	297,265	148,908	–	–	3,009,807	568,385	49,691	– 65	–	326,352	291,789
Total	$ 10,473,027	$ 7,691,448	$ 886,818	$ 385,452	–	–	$ 8,963,718	$ 1,509,309	$ 234,660	$ 20,089	$ – 11,465	$ 896,569	$ 838,776
Combined Total	$272,213,815	$205,075,101	$ 10,900,970	$10,500,076	$13,357,334	$ 3,406,827	$243,240,308	$ 28,973,507	$ 10,201,336	$ 3,552,859	$ – 580,563	$ 14,494,640	$ 21,707,907
Vermont Yankee Nuclear Power Corp.	$106,256,013	$ 72,200,753	$ 9,941,802	$ 4,349,209	$ 4,283,231	$ 867,769	$ 91,642,764	$ 14,613,249	$ 87,798	$ 57,292	$ 43,000	$ 7,791,077	$ 6,809,678
Vermont Electric Power Co., Inc.	115,130,269	106,764,181	1,831,333	1,759,048	136,197	33,182	110,776,747	4,353,522	232,051	–	– 4,024	4,183,077	406,520

VERMONT ELECTRIC UTILITIES – CONDENSED OPERATING STATEMENT
FOR THE YEAR ENDED DECEMBER 31, 1983

	Total Revenues	Operation & Mainten. Expense	Other Depreciation & Amortization	Taxes Other Than Income Tax	Federal Income Tax	Vermont Tax & Other States	Total Operating Expenses	Net Utility Operating Income	Other Income Debi	Other Income Deductions	Extraordinary Income Items & Taxes	Interest Charges	Net Income
Private Utilities													
Central Vermont Public Serv. Corp.	$141,656,937	$109,224,436	$ 5,258,684	$ 5,097,906	$ 6,627,900	$ 992,266	$127,201,192	$ 14,455,745	$ 11,519,813	$ – 335,291	$ 1,175,005	$ 6,882,211	$ 18,253,633
Green Mountain Power Corp.	85,156,555	65,260,248	2,974,034	3,060,748	4,244,461	596,835	76,136,326	9,020,229	1,279,774	135,024	57,881	3,871,480	6,235,618
Citizens Utilities Company	9,852,845	5,958,958	518,740	706,693	1,135,427	162,346	8,482,164	1,370,681	–	7,211	–	7,102	1,356,368
Vermont Marble Company	1,819,009	1,852,310	72,432	138,218	–	–	2,062,960	– 243,951	–	–	–	–	– 243,951
Allied Power & Light Company	1,577,964	1,444,241	45,043	44,254	16,386	–	1,549,924	28,040	39,423	3,587	–	160	63,716
Rochester Electric Light & Power Co.	464,206	404,187	17,001	16,406	3,584	2,259	443,437	20,769	12,649	–	–	149	33,269
Franklin Electric Light Co.	404,663	322,524	27,197	11,458	4,768	–	365,947	38,716	1,865	–	–	56	40,525
Total	$240,932,179	$184,466,904	$ 8,913,131	$ 9,075,683	$ 12,032,526	$ 1,753,706	$216,241,950	$ 24,690,229	$ 12,853,524	$ – 189,469	$ 1,232,886	$ 10,761,158	$ 25,739,178
Municipal Utilities													
Burlington, City of	$ 22,569,259	$ 18,864,188	$ 845,670	$ 782,002	–	–	$ 20,491,860	$ 2,077,399	$ 542,489	$ 317,641	$ –	$ 1,529,257	$ 772,990
Morrisville, Village of	2,731,180	2,110,992	155,848	114,378	–	–	2,381,218	349,962	138,145	–	–	204,434	283,673
Lyndonville, Village of	2,810,192	2,225,203	206,996	76,612	–	–	2,508,811	301,381	100,434	–	38,693	144,454	218,668
Swanton, Village of	2,719,967	2,138,641	91,193	77,397	–	–	2,307,231	412,736	19,190	60,770	–	108,490	262,666
Hardwick, Village of	1,589,316	1,585,435	86,103	83,754	6,407	–	1,761,699	– 172,383	–	–	–	70,747	– 243,130
Stowe, Village of	3,349,654	3,306,154	62,784	33,417	–	–	3,402,355	– 52,701	123,129	–	–	46,321	24,106
Ludlow, Village of	1,870,816	1,698,075	85,675	24,754	–	–	1,808,504	62,312	28,871	–	–	11,287	79,896
Northfield, Village of	1,381,919	1,290,344	42,128	37,251	–	–	1,369,723	12,196	27,360	–	–	55,013	– 15,457
Barton, Village of	840,261	560,294	29,012	43,535	–	–	632,841	207,420	–	–	–	–	207,420
Enosburg Falls, Village of	906,592	743,385	57,255	23,445	2,500	–	826,585	80,007	62,765	–	–	43,406	99,366
Hyde Park, Village of	610,451	461,066	27,834	16,085	–	–	504,985	105,466	9,311	–	–	18,263	96,514
Johnson, Village of	878,173	862,227	9,976	8,037	–	–	880,240	– 2,067	20,300	–	–	525	17,708
Jacksonville, Village of	267,672	218,949	14,122	10,740	–	–	243,811	23,861	8,360	–	–	–	32,221
Orleans, Village of	888,810	829,017	13,279	31,958	–	–	874,254	14,556	–	–	–	–	14,556
Readsboro, Village of	132,489	140,944	–	489	–	–	141,433	– 8,944	–	–	–	477	– 9,421
Total	$ 43,546,751	$ 37,034,914	$ 1,727,875	$ 1,363,854	$ 8,907	$ 0	$ 40,135,550	$ 3,411,201	$ 1,080,354	$ 378,411	$ 38,693	$ 2,232,674	$ 1,841,776
Cooperative Utilities													
Vermont Electric Cooperative, Inc.	$ 7,318,318	$ 5,946,799	$ 636,700	$ 261,406	–	–	$ 6,844,905	$ 473,413	$ 176,875	$ 10,141	$ – 10,235	$ 632,308	$ 18,074
Washington Electric Cooperative, Inc.	3,891,024	2,771,465	387,150	164,240	–	–	3,322,855	568,169	48,509	320	–	362,089	254,269
Total	$ 11,209,342	$ 8,718,264	$ 1,023,850	$ 425,646	–	–	$ 10,167,760	$ 1,041,582	$ 225,384	$ 10,461	$ – 10,235	$ 994,397	$ 272,343
Combined Total	$295,683,272	$230,220,082	$ 11,664,856	$ 10,865,183	$ 12,041,433	$ 1,753,706	$266,545,260	$ 29,143,012	$ 14,159,262	$ 199,403	$ 1,261,344	$ 13,988,229	$ 27,853,297
Vermont Yankee Nuclear Power Corp.	$113,069,705	$ 73,140,304	$ 13,123,051	$ 4,191,866	$ 7,145,683	$ – 1,588,500	$ 96,012,404	$ 17,057,301	$ 94,591	$ 17,133	$ 47,000	$ 10,118,409	$ 6,969,350
Vermont Electric Power Co., Inc.	101,553,708	92,716,444	2,008,500	1,729,500	600,666	34,977	97,090,087	4,463,621	151,656	– 15,054	–	4,209,927	420,404

VERMONT ELECTRIC UTILITIES – CONDENSED BALANCE SHEET
FOR THE YEAR ENDED DECEMBER 31, 1982

	Total Utility Plant	Less: Depreciation and Amortization	Net Utility Plant	Other Property and Investments	Current and Accrued Assets	Total Assets and Other Debits	Proprietary Capital	Long-Term Debt	Current and Accrued Liabilities	Deferred Credits and Other Reserves	Aid to Const. & Deferred Income Tax	Total Liabilities and Other Credits
Private Utilities												
Central Vermont Public Serv. Corp.	$204,205,033	$ 37,987,443	$166,217,590	$ 39,377,639	$ 30,049,801	$246,396,862	$119,222,480	$ 86,892,000	$ 22,619,236	$ 17,663,146	–	$246,396,862
Green Mountain Power Corp.	88,749,966	22,102,176	66,647,790	14,222,356	20,325,677	112,775,326	44,506,070	35,020,000	25,410,762	7,705,600	$ 132,894	112,775,326
Citizens Utilities Company	9,270,194	–	9,270,194	–	1,017,373	10,320,946	8,913,001	–	1,407,835	110	–	10,320,946
Vermont Marble Company	3,180,821	1,384,852	1,795,969	–	247,800	2,416,495	2,416,495	–	–	–	–	2,416,495
Allied Power & Light Company	1,038,657	700,438	338,219	–	543,192	883,372	576,119	–	294,878	12,375	–	883,372
Rochester Electric Light & Power Co.	526,914	172,447	354,467	–	223,522	577,989	426,198	–	52,460	–	99,331	577,989
Franklin Electric Light Co.	495,469	208,070	287,399	–	48,184	335,583	297,297	38,286	–	–	–	335,583
Total	$307,467,054	$ 62,555,426	$244,911,628	$ 53,599,995	$ 52,455,549	$373,706,573	$176,357,660	$121,950,286	$ 49,785,171	$ 25,381,231	$ 232,225	$373,706,573
Municipal Utilities												
Burlington, City of	$ 53,976,645	$ 11,644,150	$ 42,332,495	$ 49,909,810	$ 4,517,986	$ 98,546,286	$ 8,525,729	$ 78,781,239	$ 1,887,383	$ 9,351,935	–	$ 98,546,286
Morrisville, Village of	7,664,107	2,093,575	5,570,532	1,420,381	635,139	7,676,357	1,917,688	4,425,000	1,333,659	–	–	7,676,347
Lyndonville, Village of	4,325,027	–	4,325,027	898,971	865,653	6,189,348	2,558,389	2,885,000	745,959	–	–	6,189,348
Swanton, Village of	2,753,283	1,435,568	1,317,715	–	756,413	2,613,747	509,993	1,780,000	323,754	–	–	2,613,747
Hardwick, Village of	2,978,326	1,563,372	1,414,954	14,075	402,274	1,854,503	904,325	507,000	436,862	6,316	–	1,854,503
Stowe, Village of	1,787,489	821,861	965,628	–	898,821	1,875,699	810,543	–	1,049,688	15,468	–	1,875,699
Ludlow, Village of	1,612,764	924,242	688,522	54,579	268,397	1,013,573	632,316	155,000	226,257	–	–	1,013,573
Northfield, Village of	1,225,551	720,276	505,275	7,904	215,646	738,185	200,543	330,000	207,642	–	–	738,185
Barton, Village of	1,354,001	872,173	481,828	110,975	190,767	783,570	322,693	–	460,877	–	–	783,570
Enosburg Falls, Village of	1,365,805	876,102	489,703	40,919	147,709	788,264	–	–	471,752	316,512	–	788,264
Hyde Park, Village of	699,042	292,912	406,130	–	170,437	580,814	301,668	213,077	66,069	–	–	580,814
Johnson, Village of	406,227	200,198	206,029	–	176,724	382,753	215,514	–	167,239	–	–	382,753
Jacksonville, Village of	446,992	192,675	254,317	–	37,170	291,487	221,167	–	70,320	–	–	291,487
Orleans, Village of	453,975	318,095	135,880	156,049	–	291,929	11,720	–	280,209	–	–	291,929
Readsboro, Village of	–	–	–	–	–	–	–	–	–	–	–	–
Total	$ 81,049,234	$ 21,955,199	$ 59,094,035	$ 52,613,663	$ 9,283,136	$123,626,515	$ 17,132,288	$ 89,076,316	$ 7,727,670	$ 9,690,231	–	$123,626,505
Cooperative Utilities												
Vermont Electric Cooperative, Inc.	$ 36,777,253	$ 5,686,677	$ 31,090,576	$ 1,244,438	$ 1,809,481	$ 34,665,268	$ 4,003,484	$ 29,683,662	$ 933,572	$ 22,016	$ 22,534	$ 34,665,268
Washington Electric Cooperative, Inc.	11,378,343	2,757,870	8,620,473	653,880	913,849	10,458,791	1,540,963	8,086,036	779,877	51,915	–	10,458,791
Total	$ 48,155,596	$ 8,444,547	$ 39,711,049	$ 1,898,318	$ 2,723,330	$ 45,124,059	$ 5,544,447	$ 37,769,698	$ 1,713,449	$ 73,931	$ 22,534	$ 45,124,059
Combined Total	$436,671,884	$ 92,955,172	$343,716,712	$108,111,976	$ 64,462,015	$542,457,147	$199,034,395	$248,796,300	$ 59,226,290	$ 35,145,393	$ 254,759	$542,457,137
Vermont Yankee Nuclear Power Corp.	$421,190,479	$233,196,409	$187,994,070	$ 7,067,400	$ 22,657,614	$239,973,411	$ 75,101,442	$ 83,292,815	$ 20,976,756	$ 60,602,398	–	$239,973,411
Vermont Electric Power Co., Inc.	66,234,125	15,186,421	51,047,704	608,667	10,721,741	62,653,652	5,327,770	41,210,000	15,752,910	362,972	–	62,653,652

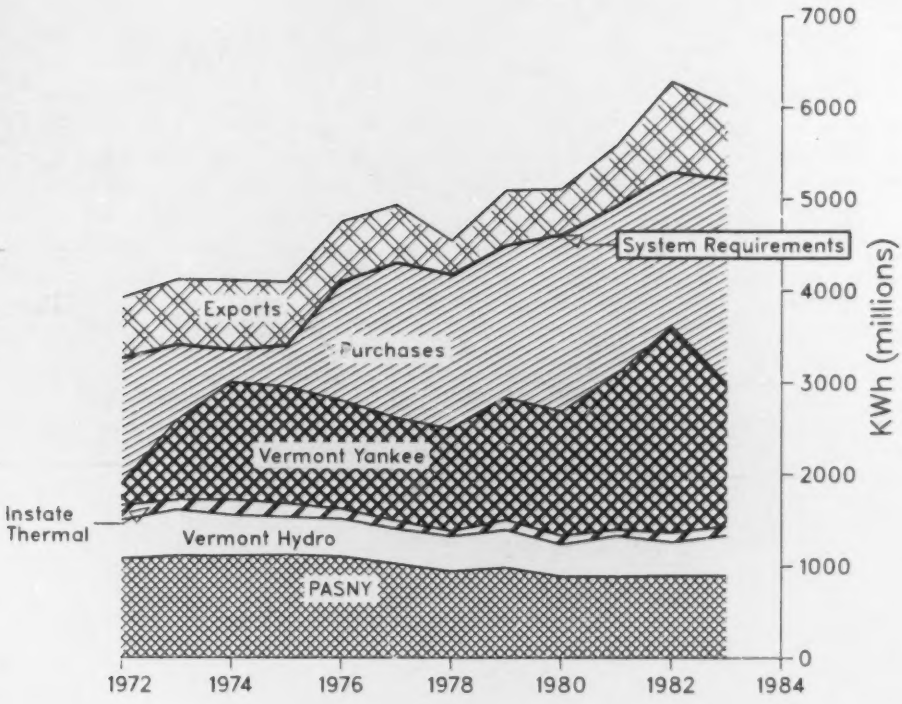
VERMONT ELECTRIC UTILITIES – CONDENSED BALANCE SHEET
FOR THE YEAR ENDED DECEMBER 31, 1983

	Total Utility Plant	Less: Depreciation and Amortization	Net Utility Plant	Other Property and Investments	Current and Accrued Assets	Deferred Debits	Total Assets and Other Debits	Proprietary Capital	Long-Term Debt	Current and Accrued Liabilities	Deferred Credits and Other Reserves	Aid to Const. & Deferred Income Tax	Total Liabilities and Other Credits
Private Utilities													
Central Vermont Public Serv. Corp.	$248,363,994	$ 40,964,408	$207,399,586	$ 34,227,703	$ 33,261,757	$ 10,504,678	$285,393,724	$138,859,705	$106,064,000	$ 17,425,789	$ 23,044,230	–	$285,393,724
Green Mountain Power Corp.	96,022,317	24,434,543	71,587,774	14,474,752	22,286,354	13,344,338	121,693,218	45,944,208	39,454,000	25,057,030	11,237,980	–	121,693,218
Citizens Utilities Company	15,302,136	6,031,942	9,270,194	–	1,017,373	33,379	10,320,946	8,913,001	1,407,835	–	110	–	10,320,946
Vermont Marble Company	3,393,016	1,457,284	1,935,732	–	257,871	1,770,324	3,963,927	3,499,496	–	464,431	–	–	3,963,927
Allied Power & Light Company	1,084,138	758,549	325,589	–	581,068	–	906,657	614,834	–	279,448	12,375	–	906,657
Rochester Electric Light & Power Co.	550,298	284,585	265,713	–	273,680	–	539,393	467,757	–	71,636	–	–	539,393
Franklin Electric Light Co.	501,565	229,267	272,298	–	98,143	–	370,441	333,063	–	37,378	–	–	370,441
Total	$365,217,464	$ 74,160,578	$291,056,886	$ 48,702,455	$ 57,776,246	$ 25,652,719	$423,188,306	$198,632,064	$146,925,835	$ 43,335,712	$ 34,294,695	–	$423,188,306
Municipal Utilities													
Burlington, City of	$ 74,226,599	$ 12,482,165	$ 61,744,434	$ 45,251,484	$ 5,706,106	$ 2,173,841	$114,875,865	$ 9,298,719	$ 93,503,919	$ 2,181,814	$ 203,345	$ 9,688,068	$114,875,865
Morrisville, Village of	8,257,525	2,252,150	6,005,375	199,445	856,669	56,480	7,117,969	2,201,361	4,502,933	413,675	–	–	7,117,969
Lyndonville, Village of	5,976,485	2,409,881	3,566,604	2,185,530	311,442	188,424	6,252,000	2,846,197	2,725,183	680,620	–	–	6,252,000
Swanton, Village of	2,882,554	1,468,435	1,414,119	970,351	515,344	–	2,899,814	790,558	1,738,956	370,300	–	–	2,899,814
Hardwick, Village of	3,015,246	1,628,296	1,386,950	14,074	469,286	25,739	1,896,049	661,195	483,339	751,515	–	–	1,896,049
Stowe, Village of	1,787,489	821,860	965,629	–	898,821	11,250	1,875,700	810,543	–	1,049,688	15,469	–	1,875,700
Ludlow, Village of	1,804,783	1,009,917	794,866	46,132	426,373	2,185	1,269,556	712,212	140,000	417,344	–	–	1,269,556
Northfield, Village of	1,280,048	762,922	517,126	7,904	347,088	92,819	964,937	185,085	300,000	479,691	161	–	964,937
Barton, Village of	1,408,852	910,107	498,745	–	304,485	–	803,230	529,592	–	273,638	–	–	803,230
Enosburg Falls, Village of	1,382,894	914,016	468,878	55,253	258,260	110,574	892,965	–	–	474,477	415,879	2,609	892,965
Hyde Park, Village of	719,517	317,765	401,752	4,748	276,297	1,590	684,387	398,182	205,190	81,015	–	–	684,387
Johnson, Village of	439,286	220,148	219,138	–	179,132	–	398,270	301,497	–	96,773	–	–	398,270
Jacksonville, Village of	470,718	206,797	263,921	–	48,125	–	312,046	253,388	–	58,658	–	–	312,046
Orleans, Village of	461,875	331,373	130,502	–	188,581	–	319,083	26,277	–	292,806	–	–	319,083
Readsboro, Village of	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	$104,113,871	$ 25,735,832	$ 78,378,039	$ 48,734,921	$ 10,786,009	$ 2,662,902	$140,561,871	$ 19,014,806	$103,599,520	$ 7,622,014	$ 634,854	$ 9,690,677	$140,561,871
Cooperative Utilities													
Vermont Electric Cooperative, Inc.	$ 42,234,592	$ 6,262,271	$ 35,972,321	$ 1,332,050	$ 1,688,987	$ 593,108	$ 39,586,466	$ 4,243,562	$ 33,584,720	$ 1,714,394	$ 43,790	–	$ 39,586,466
Washington Electric Cooperative, Inc.	13,017,582	3,008,142	10,009,440	709,258	1,154,043	377,903	12,250,644	2,010,331	8,445,849	1,735,110	59,354	–	12,250,644
Total	$ 55,252,174	$ 9,270,413	$ 45,981,761	$ 2,041,308	$ 2,843,030	$ 971,011	$ 51,837,110	$ 6,253,893	$ 42,030,569	$ 3,449,504	$ 103,144	–	$ 51,837,110
Combined Total	$524,583,509	$109,166,823	$415,416,686	$ 99,478,684	$ 71,405,285	$ 29,286,632	$615,587,287	$223,900,763	$292,555,924	$ 54,407,230	$ 35,032,693	$ 9,690,677	$615,587,287
Vermont Yankee Nuclear Power Corp.	$458,962,771	$259,559,991	$199,402,780	$ 3,517,900	$ 37,769,807	$ 5,736,009	$246,426,496	$ 74,313,358	$ 82,899,168	$ 21,482,557	$ 67,741,413	–	$246,436,496
Vermont Electric Power Co., Inc.	73,356,721	17,106,981	56,249,740	680,167	13,560,940	297,025	70,787,872	5,842,824	52,272,000	11,515,685	1,157,363	–	70,787,872

NYPA POWER
STATEMENT OF INCOME AND DISBURSEMENTS
Fiscal Years Ended June 30, 1983 and 1984

	1983	1984
INCOME:		
Billings to Allottees – Power & Energy, 7/1 to 6/30	$ 7,138,592.60	$ 6,907,276.95
DISBURSEMENTS:		
Purchases		
Demand	$ 1,821,372.00	$ 1,821,372.00
Energy	2,451,975.43	1,937,181.17
Transmission to State Line	992,856.24	992,856.24
Intrastate Transmission – VELCO	1,872,388.93	2,155,867.54
Total Disbursements	$ 7,138,592.60	$ 6,907,276.95
Net Income	$ None	$ None

YEARLY TOTAL DISTRIBUTION OF ELECTRICAL ENERGY IN VERMONT 1972-1983



Source: Vermont Public Service Department

GAS UTILITIES

Propane-Air Gas

The remaining propane-air gas companies in the State continued to undergo a drastic change in their operations as they had during their previous biennium. Between 1982 and 1984, two additional companies have closed down.

Gas Company of Vermont—Springfield

Based on the Smith and Norrington Report (Consulting Engineers of Boston, Mass.), published in June 1982, the Gas Company of Vermont, Springfield Division petitioned the Vermont Public Service Board July 28, 1982, to abandon its piped system in Springfield and convert customers to liquid propane. The Public Service Board approved the abandonment procedure September 9, 1982 and by the end of November 1982 all customers had been removed from the underground piped system. Late in January 1983 the Springfield System was rechecked and declared safe from any residue of gas thus completing the abandonment procedure.

Gas Company of Vermont—Barre

The propane air plant and system in Barre continues to serve the public although in February 1983 tars and oils were found to be leaking from our unused gas holder left over from the days of manufactured gas. This information was given to the Water Resources Board and as the biennium ended the Gas Company of Vermont, Barre and its parent company the North American Utility Construction Corporation, New York, N.Y. were under court orders to remove the tar sludge and oils.

Vermont Gas Corporation—Bennington

As in the previous biennium there have been no major construction or capital improvement projects. However, the company has continued the upgrading of its system replacing gas mains and services, extending its corrosion control by cathodic protection. This company is the exception of the propane air plants in that it is slowly expanding.

Rutland Gas Corporation—Rutland

Early in this biennium the Rutland Gas Corporation was fined $13,000, the largest fine ever against a Vermont Utility and the first against a gas utility in the state, for some eleven violations of State and Federal Regulations.

Shortly before this fine was levied, the Rutland Gas Corporation had petitioned the Public Service Board to abandon its underground piped system.

On August 11, 1982 an explosion destroyed the substation behind the Rutland Shopping Plaza in Midtown Rutland. This explosion shortly after 8 a.m. was very similar to the one that destroyed the St. Johnsbury gas plant July 1981. In this explosion three company workers were seriously burned. No definite determination has ever been made concerning the cause of the blast.

Shortly after this explosion, the Public Service Board granted Rutland Gas Corporation permission to abandon its underground system. This abandonment was completed with all customers removed from the lines and the gas purged and lines plugged by May 1983.

GAS UTILITIES – STATE OF VERMONT
COMPARISON OF DEMAND FOR RESIDENTIAL, COMMERCIAL AND SPACE HEATING USAGE
1982–1983 INCLUSIVE

Year	Utility and Location	Type of Gas	Heat Content Btu/ccf	Meters in Service	Annual Production Therms	Metered Sales Therms	Residential Sales Therms	Commercial Sales Therms	Water Heating Sales – Therms	Space Heating Sales Therms
1979	Capital City Gas Company	Propane-air	85,000	620	293,890	240,146	85,386	50,294	– –	104,466
1980	– –			580	362,627	291,565	78,557	121,223	– –	91,785
1981	Montpelier, VT				abandoned					
1979	Gas Company	Propane-air	100,000	862	416,476	364,217	13,249	47,661	59,467	243,840
1980	of Vermont			849	524,880	361,997	72,113	45,665	– –	244,219
1981	– –			798	494,348	362,943	71,444	26,095	– –	265,404
1982	Barre, VT			743	462,089	335,224	13,985	19,492	51,206	250,541
1983				845	417,315	311,593	61,776	20,065	– –	229,752
1979	Gas Company	Propane-air	70,000	754	382,418	309,668	13,531	8,154	64,613	223,370
1980	of Vermont			729	415,426	297,573	12,863	5,392	58,334	220,984
1981	– –			129	336,491	270,040	11,438	3,623	53,122	201,857
1982	St. Johnsbury, VT				abandoned					
1979	Gas Company	Propane-air	100,000	629	284,816	210,435	10,436	43,152	55,495	101,352
1980	of Vermont			495	323,480	199,550	10,021	40,290	54,235	95,004
1981	– –			465	314,542	192,251	9,454	37,098	49,066	96,633
1982	Springfield, VT				abandoned					
1979	Rutland Gas	Propane-air	70,000	1,286	1,191,885	1,059,134	48,421	466,316	187,630	356,767
1980	Utility			1,230	929,001	701,747	28,000	303,411	114,170	256,166
1981	– –			1,182	879,242	659,109	23,712	283,327	108,551	243,519
1982	Rutland, VT			1,182	664,166	498,249	19,518	203,494	85,322	189,915
1983					abandoned					
1979	Vermont Gas	Propane-air	75,000	478	486,107	446,387	9,080	219,680	37,659	179,968
1980	Corp.			472	625,480	516,396	69,469	198,334	36,087	212,506
1981	– –			480	745,967	618,459	64,379	269,290	34,888	249,902
1982	Bennington,			479	696,345	595,516	59,675	38,093	242,208	255,540
1983	VT			500	711,616	585,760	61,074	247,471	37,634	239,581
1979	Vermont Gas	Natural	100,000	11,158	4,544,650	4,373,474	1,191,162	3,182,312	– –	– –
1980	Systems, Inc.			11,699	4,220,811	3,990,961	1,301,123	2,689,838	– –	– –
1981	Burlington, Colchester,			12,016	4,589,088	4,381,835	1,289,922	3,091,913	– –	– –
1982	Essex Junction, St. Albans,			12,272	4,519,125	4,366,818	1,278,464	3,088,354	– –	– –
1983	Sheldon Springs, Swanton, So. Burlington, Winooski			12,663	4,609,900	4,383,592	1,251,694	3,131,898	– –	– –

TYPICAL MONTHLY BILLS
RESIDENTIAL GAS SERVICE IN VERMONT
AS OF JUNE 30, 1983

Utility and Location	Type of Gas	BTU's per Cubic Ft.	Code	Minimum Bill	Cubic Ft. Cooking Water Heating Space Heating	10	10 22	10 22 50	10 22 100	10 22 300	Fuel Adjustment Included
Gas Company of Vermont Barre, VT	Propane-Air	100,000	A W C	$5.45 $6.11 $6.28		18.13	40.60	86.42	135.63	328.24	$ 0.4844
Vermont Gas Corporation Bennington, VT	Propane-air	75,000	A W C	$6.01 $6.09 $5.94		14.06	29.71	71.69	99.08	238.23	$ 0.33561
Vermont Gas Systems, Inc. Burlington, Colchester, Essex Junction, St. Albans, Sheldon Springs, Swanton, South Burlington, and Winooski	Natural	100,000		$3.23		10.26	25.09	55.87	86.65	209.77	$ (0.0118)

VERMONT GAS UTILITIES
OPERATING REVENUES AND OPERATING EXPENSES INCLUDING TAXES
FOR YEARS ENDING DECEMBER 31, 1982 AND DECEMBER 31, 1983

Year	Utility & Location	Operating Revenues	Maintenance Depreciation & Mgmt. Exp.	Taxes Other Than Income Tax	Federal Income Tax	Vermont Income Tax	Utility Operating Expenses	Net (Loss) Income
1982	Gas Company of Vermont	$ 374,579	$ 42,405	$ 10,313	$ --	$ --	$ 365,504	$ (43,643)
1983	Barre, Vt.	378,965	56,640	12,029	--	--	392,045	(81,749)
1982	Vermont Gas Corporation	$ 553,142	$ 21,946	$ 11,425	$ --	$ --	$ 490,053	$ 29,718
1983	Bennington, Vt.	602,940	44,236	14,373	--	--	544,751	(420)
1982	Vermont Gas ..... Systems, Inc. Burlington, Colchester, Essex Junction, St. Albans, Sheldon Springs, Swanton, South Burlington and Winooski	$27,748,123	$ 828,235	$ 312,181	$ 746,785	$ 123,919	$24,452,510	$ 1,216,603
1983	.....	$25,548,726	$ 825,579	$ 381,786	$ 962,580	$ 158,644	$21,663,664	$ 1,439,822

VERMONT GAS UTILITIES
COMPARATIVE STATEMENT OF NET PLANT INVESTMENT

Utility and Location	1983	1982	1981	1980	1979
Gas Company of Vermont					
Barre, Vt.	$ 37,389	$ 40,625	$ 93,636	$ 211,129	$ 216,584
Vermont Gas Corporation					
Bennington, Vt.	$ 193,697	$ 178,346	$ 172,334	$ 178,581	$ 133,299
Vermont Gas Systems, Inc.					
Burlington, Colchester, Essex Junction, St. Albans, Sheldon Springs, Swanton, South Burlington, and Winooski	$12,060,931	$11,299,729	$10,853,224	$10,327,769	$ 9,699,882

CATV

During the 1982–1984 biennium, Certificates were requested or issued for CATV service in:

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Docket No. **4766**: Chittenden Village; by EMCO CATV; granted.

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There were two general rate increase cases filed in the 1982–1984 biennium, which, after investigation, were approved without being subject to the formal docket process:

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CABLE TELEVISION SYSTEMS
STATE OF VERMONT

Name of Company	June 1984 Customers	June 1984 Basic Monthly Rate
Area Telecable Corporation	479	$ 9.00
Better TV of Bennington	4,781	6.31
Buck Hill Television Club, Inc.	32	5.00
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Warner Cable Corporation		
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Warner Cable of Brattleboro	4,343	9.25
Warner Cable of Bristol	693	7.50
Warner Cable of Claremont	224	7.50
Young's Cable TV Corporation	4,293	9.50

*Monthly Rate Increase to $10.50, effective with 1984–1985 rebuild.

TELEPHONE

January 1, 1984 was a milestone for the telephone industry both nationally and in Vermont. American Telephone and Telegraph (AT&T), as the result of a federal court decree, divested itself of its Bell Operating Companies, including New England Telephone (NET). This established NET as part of an independent telephone holding company, NYNEX, which serves New England and New York State. Divestiture brought to a halt the era of "end-to-end" telephone service in which one telephone company provided all aspects of service: the telephone set, local, state and interstate calling.

Industry restructuring was also part of a federal trend toward deregulation. It permits more competition for certain types of telephone service, notably interstate long distance calling and telephone equipment. In certain parts of Vermont, customers may choose between AT&T (which remains in the business of interstate long distance calling and telephone equipment sales and leasing) and a competing long distance company. Additionally, customers may buy and install their own telephone equipment or may continue to lease from AT&T.

Basic local service will remain a monopoly provided by the local telephone company—New England Telephone or one of nine independent telephone companies serving local exchange customers.

The entry of competition also means price changes for different types of telephone service. Generally, interstate long distance rates will drop and local rates will increase. This results from federal regulators requiring long distance companies to pay the local companies less to connect to the local network. Local companies will have to make up this lost revenue either through rates increases, sales of new services, or both.

The Legislature, in 1984, reacted to the prospect of higher local rates and the concern that low-income persons may be forced to drop service. A legislative resolution was passed directing the Public Service Department, Department of Social Welfare and Vermont Office on Aging to issue a report outlining a "Lifeline" Telephone Program assisting the poor in retaining "minimum residential communication."

RATE INCREASES

General Rate Increases

New England Telephone

New England Telephone Company (NET) filed on December 12, 1982, for a 19.2%, $16,500,000 general rate increase (Docket No. 4751). On August 11, 1983, the Board granted NET an increase in annual revenues of $8,495,000.

On January 12, 1984, NET filed for a 21%, general rate increase (Docket No. 4874). On October 4, 1984, they were granted $8,130,000, a 9.3% increase.

Continental Telephone Company

Continental Telephone Company (CTC) filed on October 3, 1983, for a 34.6% general rate increase (Docket No. 4840). Due to the poor quality of service in Vermont, CTC, at the Department's request, withdrew the rate increase filing on March 9, 1984. Presently, CTC is embarked on a program to bring its quality of service up to an acceptable level.

Franklin Telephone Company

On April 16, 1982, Franklin Telephone Company filed for a 15.2% general rate increase (Docket No. 4669). This increase went into effect, on July 20, 1982.

EQUIPMENT AND SERVICES

Vermont's nine telephone companies continued modernization of switching equipment during the biennium.

New England Telephone removed 17 of 99 step-by-step and cross-bar electromechanical central office switching machines and replaced them with stored program controlled electronic switching systems. The new machines serve about 40 percent of NET's customers.

Continental Telephone Company of Vermont converted 9 of 30 central offices to digital switching machines. In addition, Waitsfield-Fayston, Topsham, Northfield Telephone Company and the Ludlow exchange of Ludlow Telephone Company have converted to digital switches.

The equipment modernization means the companies can offer new services such as touch tone, call forwarding, call waiting and others. NET also has plans to improve switching offices to comply with the so-called equal access provision required by the Federal Communications Commission. This gives all long distance companies equal access to the local network. The following exchanges are scheduled to be changed to offer equal access: Burlington (May 1985); Rutland area (September 1985); White River Junction area (August 1985).

MEASURED SERVICE

NET's effort to expand measured service continued to be an active topic. In Docket No. 4611, the Company was allowed by an April 1982 PSB order to undertake an 18-month experiment of "4E Measured Service," which would require customers to pay for calls based on frequency, duration, distance and time of day. That part of the Burlington Exchange served by an electronic switching machine was chosen for the experiment. In January, 1984, PSB ordered the Company to refile a residential measured service plan which would: make the service mandatory; would align the price of service with costs; require six-months of "comparative billing" to acquaint customers with the service; make the offering in the Burlington area at first; and put a maximum amount or "cap" on the bill. NET filed the proposal on June 8, 1984.

EXTENDED AREA SERVICE

The issue of Extended Area Service (EAS) was addressed during this biennium. EAS is the ability to make calls from one exchange to another without toll charges. The PSB dealt with this issue in orders related to Docket Nos. 4195 and 4507. Several service offerings by telephone companies now allow customers to receive discounted rates when calling other exchanges. That should reduce interest in EAS. The services include Municipal Calling Service, Selective Calling Service, Circle Calling and Green Mountain State Calling. In addition, the PSB said it would be unfair to force many customers who opposed EAS to pay higher local rates for the benefit of those who sought it.

DEPRECIATION

The FCC has required NET to use two new depreciation methods: Remaining Life and Equal Life Group. The changes in depreciation methods mean drastically shorter equipment lives and lower salvage values for equipment. In addition, this will increase depreciation expenses, which already is one of NET's largest expenses.

VERMONT TELEPHONE UTILITIES
NET PLANT IN SERVICE
For Year Ended December 31, 1982

Utility	Plant in Service Before CWIP & Future Use	Less Depreciation Reserve	Net Plant	Gross Operating Revenues	Investment in Net Plant to Produce $1 of Oper. Revenues	Number of Telephones In Service
New England Telephone	$391,177,718	$ 90,629,405	$300,548,313	$159,631,946	$ 1.88	328,370
Continental Telephone	40,161,052	11,951,539	28,209,513	13,682,573	2.06	29,412
Waitsfield/Fayston	7,192,770	1,887,176	5,305,594	3,234,313	1.64	6,006
Northfield	3,967,282	1,026,440	2,940,842	1,294,721	2.27	3,823
Ludlow	2,476,052	987,120	1,488,932	921,607	1.62	3,135
Shoreham	2,496,649	961,333	1,535,316	832,168	1.84	3,400
Perkinsville	836,108	345,668	490,440	311,785	1.57	960
Topsham	1,351,955	588,663	763,292	358,741	2.13	1,037
Franklin	463,838	173,990	289,848	123,545	2.35	777
Totals	$450,123,424	$108,551,334	$341,572,090	$180,391,399	$ 1.89	376,920

VERMONT TELEPHONE UTILITIES
NET PLANT IN SERVICE
For Year Ended December 31, 1983

Utility	Plant in Service Before CWIP & Future Use	Less Depreciation Reserve	Net Plant	Gross Operating Revenues	Investment in Net Plant to Produce $1 of Oper. Revenues	Number of Telephones In Service
New England Telephone	$429,965,020	$106,161,795	$323,803,225	$166,550,964	$ 1.94	292,885
Continental Telephone	43,653,438	13,267,637	30,385,801	14,486,212	2.10	25,135
Waitsfield/Fayston	7,241,057	2,079,060	5,161,997	2,977,853	1.73	6,019
Northfield	3,992,537	1,278,724	2,713,813	1,386,127	1.96	2,269
Ludlow	4,260,669	811,734	3,448,935	954,848	3.61	2,458
Shoreham	2,785,854	1,076,904	1,708,950	962,136	1.78	3,441
Perkinsville	871,541	401,998	469,543	277,545	1.69	603
Topsham	1,417,551	640,369	777,182	393,986	1.97	809
Franklin	493,487	210,594	282,893	142,845	1.98	800
Totals	$494,681,154	$125,928,815	$368,752,339	$188,132,516	$ 1.96	334,419

VERMONT TELEPHONE UTILITIES
OPERATING REVENUES AND EXPENSES
For Year Ended December 31, 1982

Utility	Gross Operating Revenues	Local Serv. & Misc. Revenues	Toll Revenues	Depreciation, Maintenance & Op. Expenses	Taxes (incl. Federal Income Tax)	Net Operating Revenues	Other Income	Other Ded. from Income	Net Income
New England Telephone	$159,631,946	$ 91,240,057	$68,391,889	$106,612,381	$24,865,898	$28,153,667	$134,176	$ 82,854	$28,204,989
Continental Telephone	13,682,573	7,516,061	6,166,512	9,045,579	1,883,930	2,753,064	127,932	1,097,847	1,783,149
Waitsfield/Fayston	3,234,313	1,450,117	1,784,196	1,834,402	698,163	701,748	104,146	202,135	603,759
Northfield	1,294,721	862,504	432,217	878,540	95,578	320,603	40,232	117,775	243,060
Ludlow	921,607	654,371	267,236	679,877	72,601	169,129	18,329	73,171	114,287
Shoreham	832,168	N/R	N/R	393,887	180,897	257,384	11,792	2,883	266,293
Perkinsville	311,785	211,009	100,776	183,962	58,913	68,910	26,090	35,812	59,188
Topsham	358,741	203,395	155,346	285,836	30,496	42,409	6,597	14,441	34,565
Franklin	123,545	43,431	80,114	70,162	6,578	46,805	-0-	11,149	35,656
Totals	$180,391,399	$102,180,945	$77,378,286	$119,984,626	$27,893,054	$32,513,719	$469,294	$1,638,067	$31,344,946

VERMONT TELEPHONE UTILITIES
OPERATING REVENUES AND EXPENSES
For Year Ended December 31, 1983

Utility	Gross Operating Revenues	Local Serv. & Misc. Revenues	Toll Revenues	Depreciation, Maintenance & Op. Expenses	Taxes (incl. Federal Income Tax)	Net Operating Revenues	Other Income	Other Ded. from Income	Net Income
New England Telephone	$166,550,964	$ 93,952,440	$72,598,524	$108,169,994	$28,389,214	$29,991,756	$380,159	$ 126,504	$30,245,411
Continental Telephone	14,486,212	7,767,812	6,718,400	9,662,435	2,059,199	2,764,578	43,770	1,041,215	1,767,133
Waitsfield/Fayston	2,977,853	1,053,258	1,924,595	1,655,992	271,387	1,050,474	32,070	826,215	256,329
Northfield	1,386,127	634,799	751,328	820,099	227,773	338,255	60,915	188,958	210,212
Ludlow	954,848	618,686	336,162	771,794	66,914	116,140	69,239	94,774	90,605
Shoreham	962,136	648,800	313,336	467,821	253,379	240,936	26,250	2,426	264,760
Perkinsville	277,545	151,964	125,581	164,280	49,755	63,510	27,346	37,169	53,687
Topsham	393,986	224,838	169,148	323,445	31,921	38,620	8,785	18,598	28,807
Franklin	142,845	52,908	89,937	71,617	16,282	54,946	373	10,624	44,695
Totals	$188,132,516	$105,105,505	$83,027,011	$122,107,477	$31,365,824	$34,659,215	$648,907	$2,346,483	$32,961,639

N/R – Not Reported

VERMONT GAS UTILITIES
OPERATING REVENUES AND OPERATING EXPENSES INCLUDING TAXES
FOR YEARS ENDING DECEMBER 31, 1982 AND DECEMBER 31, 1983

Year	Utility & Location	Operating Revenues	Maintenance Depreciation & Mgmt. Exp.	Taxes Other Than Income Tax	Federal Income Tax	Vermont Income Tax	Utility Operating Expenses	Net (Loss) Income
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Industry restructuring was also part of a federal trend toward deregulation. It permits more competition for certain types of telephone service, notably interstate long distance calling and telephone equipment. In certain parts of Vermont, customers may choose between AT&T (which remains in the business of interstate long distance calling and telephone equipment sales and leasing) and a competing long distance company. Additionally, customers may buy and install their own telephone equipment or may continue to lease from AT&T.

Basic local service will remain a monopoly provided by the local telephone company—New England Telephone or one of nine independent telephone companies serving local exchange customers.

The entry of competition also means price changes for different types of telephone service. Generally, interstate long distance rates will drop and local rates will increase. This results from federal regulators requiring long distance companies to pay the local companies less to connect to the local network. Local companies will have to make up this lost revenue either through rates increases, sales of new services, or both.

The Legislature, in 1984, reacted to the prospect of higher local rates and the concern that low-income persons may be forced to drop service. A legislative resolution was passed directing the Public Service Department, Department of Social Welfare and Vermont Office on Aging to issue a report outlining a "Lifeline" Telephone Program assisting the poor in retaining "minimum residential communication."

RATE INCREASES

General Rate Increases
New England Telephone

New England Telephone Company (NET) filed on December 12, 1982, for a 19.2%, $16,500,000 general rate increase (Docket No. 4751). On August 11, 1983, the Board granted NET an increase in annual revenues of $8,495,000.

On January 12, 1984, NET filed for a 21%, general rate increase (Docket No. 4874). On October 4, 1984, they were granted $8,130,000, a 9.3% increase.

Continental Telephone Company

Continental Telephone Company (CTC) filed on October 3, 1983, for a 34.6% general rate increase (Docket No. 4840). Due to the poor quality of service in Vermont, CTC, at the Department's request, withdrew the rate increase filing on March 9, 1984. Presently, CTC is embarked on a program to bring its quality of service up to an acceptable level.

Franklin Telephone Company

On April 16, 1982, Franklin Telephone Company filed for a 15.2% general rate increase (Docket No. 4669). This increase went into effect, on July 20, 1982.

EQUIPMENT AND SERVICES

Vermont's nine telephone companies continued modernization of switching equipment during the biennium.

New England Telephone removed 17 of 99 step-by-step and cross-bar electromechanical central office switching machines and replaced them with stored program controlled electronic switching systems. The new machines serve about 40 percent of NET's customers.

Continental Telephone Company of Vermont converted 9 of 30 central offices to digital switching machines. In addition, Waitsfield-Fayston, Topsham, Northfield Telephone Company and the Ludlow exchange of Ludlow Telephone Company have converted to digital switches.

The equipment modernization means the companies can offer new services such as touch tone, call forwarding, call waiting and others. NET also has plans to improve switching offices to comply with the so-called equal access provision required by the Federal Communications Commission. This gives all long distance companies equal access to the local network. The following exchanges are scheduled to be changed to offer equal access: Burlington (May 1985); Rutland area (September 1985); White River Junction area (August 1985).

MEASURED SERVICE

NET's effort to expand measured service continued to be an active topic. In Docket No. 4611, the Company was allowed by an April 1982 PSB order to undertake an 18-month experiment of "4E Measured Service," which would require customers to pay for calls based on frequency, duration, distance and time of day. That part of the Burlington Exchange served by an electronic switching machine was chosen for the experiment. In January, 1984, PSB ordered the Company to refile a residential measured service plan which would: make the service mandatory; would align the price of service with costs; require six-months of "comparative billing" to acquaint customers with the service; make the offering in the Burlington area at first; and put a maximum amount or "cap" on the bill. NET filed the proposal on June 8, 1984.

EXTENDED AREA SERVICE

The issue of Extended Area Service (EAS) was addressed during this biennium. EAS is the ability to make calls from one exchange to another without toll charges. The PSB dealt with this issue in orders related to Docket Nos. 4195 and 4507. Several service offerings by telephone companies now allow customers to receive discounted rates when calling other exchanges. That should reduce interest in EAS. The services include Municipal Calling Service, Selective Calling Service, Circle Calling and Green Mountain State Calling. In addition, the PSB said it would be unfair to force many customers who opposed EAS to pay higher local rates for the benefit of those who sought it.

DEPRECIATION

The FCC has required NET to use two new depreciation methods: Remaining Life and Equal Life Group. The changes in depreciation methods mean drastically shorter equipment lives and lower salvage values for equipment. In addition, this will increase depreciation expenses, which already is one of NET's largest expenses.

VERMONT TELEPHONE UTILITIES
NET PLANT IN SERVICE
For Year Ended December 31, 1982

Utility	Plant in Service Before CWIP & Future Use	Less Depreciation Reserve	Net Plant	Gross Operating Revenues	Investment in Net Plant to Produce $1 of Oper. Revenues	Number of Telephones In Service
New England Telephone	$391,177,718	$ 90,629,405	$300,548,313	$159,631,946	$ 1.88	328,370
Continental Telephone	40,161,052	11,951,539	28,209,513	13,682,573	2.06	29,412
Waitsfield/Fayston	7,192,770	1,887,176	5,305,594	3,234,313	1.64	6,006
Northfield	3,967,282	1,026,440	2,940,842	1,294,721	2.27	3,823
Ludlow	2,476,052	987,120	1,488,932	921,607	1.62	3,135
Shoreham	2,496,649	961,333	1,535,316	832,168	1.84	3,400
Perkinsville	836,108	345,668	490,440	311,785	1.57	960
Topsham	1,351,955	588,663	763,292	358,741	2.13	1,037
Franklin	463,838	173,990	289,848	123,545	2.35	777
Totals	$450,123,424	$108,551,334	$341,572,090	$180,391,399	$ 1.89	376,920

VERMONT TELEPHONE UTILITIES
NET PLANT IN SERVICE
For Year Ended December 31, 1983

Utility	Plant in Service Before CWIP & Future Use	Less Depreciation Reserve	Net Plant	Gross Operating Revenues	Investment in Net Plant to Produce $1 of Oper. Revenues	Number of Telephones In Service
New England Telephone	$429,965,020	$106,161,795	$323,803,225	$166,550,964	$ 1.94	292,885
Continental Telephone	43,653,438	13,267,637	30,385,801	14,486,212	2.10	25,135
Waitsfield/Fayston	7,241,057	2,079,060	5,161,997	2,977,853	1.73	6,019
Northfield	3,992,537	1,278,724	2,713,813	1,386,127	1.96	2,269
Ludlow	4,260,669	811,734	3,448,935	954,848	3.61	2,458
Shoreham	2,785,854	1,076,904	1,708,950	962,136	1.78	3,441
Perkinsville	871,541	401,998	469,543	277,545	1.69	603
Topsham	1,417,551	640,369	777,182	393,986	1.97	809
Franklin	493,487	210,594	282,893	142,845	1.98	800
Totals	$494,681,154	$125,928,815	$368,752,339	$188,132,516	$ 1.96	334,419

VERMONT TELEPHONE UTILITIES
OPERATING REVENUES AND EXPENSES
For Year Ended December 31, 1982

Utility	Gross Operating Revenues	Local Serv. & Misc. Revenues	Toll Revenues	Depreciation, Maintenance & Op. Expenses	Taxes (incl. Federal Income Tax)	Net Operating Revenues	Other Income	Other Ded. from Income	Net Income
New England Telephone	$159,631,946	$ 91,240,057	$68,391,889	$106,612,381	$24,865,898	$28,153,667	$134,176	$ 82,854	$28,204,989
Continental Telephone	13,682,573	7,516,061	6,166,512	9,045,579	1,883,930	2,753,064	127,932	1,097,847	1,783,149
Waitsfield/Fayston	3,234,313	1,450,117	1,784,196	1,834,402	698,163	701,748	104,146	202,135	603,759
Northfield	1,294,721	862,504	432,217	878,540	95,578	320,603	40,232	117,775	243,060
Ludlow	921,607	654,371	267,236	679,877	72,601	169,129	18,329	73,171	114,287
Shoreham	832,168	N/R	N/R	393,887	180,897	257,384	11,792	2,883	266,293
Perkinsville	311,785	211,009	100,776	183,962	58,913	68,910	26,090	35,812	59,188
Topsham	358,741	203,395	155,346	285,836	30,496	42,409	6,597	14,441	34,565
Franklin	123,545	43,431	80,114	70,162	6,578	46,805	-0-	11,149	35,656
Totals	$180,391,399	$102,180,945	$77,378,286	$119,984,626	$27,893,054	$32,513,719	$469,294	$1,638,067	$31,344,946

VERMONT TELEPHONE UTILITIES
OPERATING REVENUES AND EXPENSES
For Year Ended December 31, 1983

Utility	Gross Operating Revenues	Local Serv. & Misc. Revenues	Toll Revenues	Depreciation, Maintenance & Op. Expenses	Taxes (incl. Federal Income Tax)	Net Operating Revenues	Other Income	Other Ded. from Income	Net Income
New England Telephone	$166,550,964	$ 93,952,440	$72,598,524	$108,169,994	$28,389,214	$29,991,756	$380,159	$ 126,504	$30,245,411
Continental Telephone	14,486,212	7,767,812	6,718,400	9,662,435	2,059,199	2,764,578	43,770	1,041,215	1,767,133
Waitsfield/Fayston	2,977,853	1,053,258	1,924,595	1,655,992	271,387	1,050,474	32,070	826,215	256,329
Northfield	1,386,127	634,799	751,328	820,099	227,773	338,255	60,915	188,958	210,212
Ludlow	954,848	618,686	336,162	771,794	66,914	116,140	69,239	94,774	90,605
Shoreham	962,136	648,800	313,336	467,821	253,379	240,936	26,250	2,426	264,760
Perkinsville	277,545	151,964	125,581	164,280	49,755	63,510	27,346	37,169	53,687
Topsham	393,986	224,838	169,148	323,445	31,921	38,620	8,785	18,598	28,807
Franklin	142,845	52,908	89,937	71,617	16,282	54,945	373	10,624	44,695
Totals	$188,132,516	$105,105,505	$83,027,011	$122,107,477	$31,365,824	$34,659,215	$648,907	$2,346,483	$32,961,639

N/R – Not Reported

VERMONT TELEPHONE UTILITIES
PERCENTAGE OF TELEPHONE AND REVENUE GROWTH
For the Years Ended December 31, 1982 & 1983

Utility	December 31, 1982 Telephone Growth %	December 31, 1982 Revenue Growth %	December 31, 1983 Telephone Growth %	December 31, 1983 Revenue Growth %
New England Telephone	(.1)	13.3	(10.8)	4.3
Continental Telephone	(7.1)	6.5	(14.5)	5.9
Waitsfield/Fayston	5.3	36.5	.2	(7.9)
Northfield	6.0	33.9	(40.6)	7.1
Ludlow	(21.2)	25.0	(21.6)	3.6
Shoreham	5.8	27.6	1.2	15.6
Perkinsville	.9	14.3	(37.2)	(10.9)
Topsham	37.2	15.5	(21.9)	(16.7)
Franklin	35.5	6.0	2.9	15.6
Average Growth	(2.5)	13.3	(14.5)	4.3

NEW ENGLAND TELEPHONE & TELEGRAPH COMPANY
TELEPHONES IN USE EACH YEAR

Year	Residence Main Telephones And Extensions	Business Main Telephones And Extensions	Total Main Telephones And Extensions	Percent Of increase
1962	92,151	35,362	127,513	4.7%
1963	95,157	36,762	131,919	3.4%
1964	99,756	39,257	139,013	5.4%
1965	105,995	42,612	148,607	7.5%
1966	113,379	46,536	159,915	7.6%
1967	121,120	49,914	171,034	6.9%
1968	127,298	53,056	180,354	5.4%
1969	135,633	58,260	193,893	7.5%
1970	144,351	61,869	206,220	6.4%
1971	153,492	64,935	218,427	5.9%
1972	162,241	68,994	231,235	5.9%
1973	170,218	72,755	242,973	5.1%
1974	175,786	74,548	250,334	3.0%
1975	183,113	76,551	259,664	3.7%
1976	193,880	74,030	267,910	3.2%
1977	205,292	76,602	281,894	5.2%
1978	216,445	84,084	300,529	6.6%
1979	227,881	85,022	312,903	4.1%
1980	235,658	86,987	322,645	3.1%
1981	239,672	88,894	328,566	1.8%
1982	238,404	89,966	328,370	—
1983	211,711	81,174	292,885	(10.8%)

COMBINED INDEPENDENT TELEPHONE COMPANIES
TELEPHONES IN USE EACH YEAR

Year	Residence Main Telephones And Extensions	Business Main Telephones And Extensions	Total Main Telephones And Extensions	Percent Of increase
1962	13,804	3,648	17,452	3.8%
1963	14,347	4,025	18,372	5.2%
1964	15,108	4,142	19,250	4.8%
1965	16,070	4,654	20,724	7.7%
1966	17,250	5,007	22,257	7.3%
1967	18,461	5,157	23,618	6.2%
1968	19,976	5,911	25,887	9.6%
1969	21,653	6,303	27,956	8.0%
1970	23,466	6,623	30,089	7.6%
1971	25,212	6,964	32,176	6.9%
1972	27,014	7,544	34,558	7.4%
1973	29,128	8,111	37,239	7.8%
1974	30,677	8,505	39,182	5.2%
1975	32,027	8,391	40,418	3.2%
1976	33,552	8,767	42,319	4.7%
1977	35,124	9,252	44,376	4.9%
1978	37,693	10,447	48,140	8.5%
1979	39,699	11,062	50,761	5.4%
1980	42,216	11,351	53,567	5.5%
1981	39,573	10,208	49,781	(7.0%)
1982	38,370	10,180	48,550	(2.5%)
1983	34,476	7,058	41,534	(14.5%)

WATER UTILITIES
RESIDENTIAL RATE COMPARISON
PRIVATE WATER SYSTEMS
STATE OF VERMONT

	Name of Company	Location	Number of Customers	Residential Flat	Residential Metered
1.	Allen Point	South Hero	7	$ 63.00	N/A
2.	Arlington Water Co.	Arlington	466	109.44	Var.
3.	Arrowhead Land Development Corp.	Georgia/Milton	152	173.00	
4.	Austin, Paul A.	Shelburne	3	100.00	N/A
5.	Barnet Water System	Barnet	54	48.00	N/A
6.	Beebe, Kenneth R.	Saxtons River	7	72.00	N/A
7.	Berlin Water Company, Inc.	Berlin	55	105.00	N/A
8.	Bolton Water Supply System	Bolton	16	63.00	N/A
9.	Bonnell, Arthur A.	Newport	19	60.00	N/A
10.	Bouchard, Louise J. & Therese M.	Swanton	10	50.00	N/A
11.	Bromley Water Company, Inc.	Bromley	225	75.00	N/A
12.	Colonial Estates Water System	Rutland Town	35	67.14	Var.
13.	Cote Water System	Jonesville	20	48.00	N/A
14.	Countryside Estates Water System	Rutland Town	16	100.00	N/A
15.	Craig, A. Z. Water System	West Burke	7	16.00	N/A
16.	Crystal Springs Water System	East Montpelier	84	137.00	N/A
17.	Dana Corporation	Milton	268	60.00	Var.
18.	Deep Rock Water Company, Inc.	East Barre	24	75.00	N/A
19.	Duxbury Water Company, Inc.	Duxbury	65	116.00	N/A
20.	East Burke Water System	East Burke	54	25.00	N/A
21.	Eastview Water Company, Inc.	East Montpelier	9	100.00	Var.
22.	Eaton Water System	South Royalton	33	60.00	N/A
23.	Flory, John D., Sr.	Center Rutland	22	40.00	N/A
24.	Forrest Brook Water Corp.	Forest Dale	11	75.00	N/A
25.	Gallop Hill Water Corp.	Williston	40	80.00	Var.
26.	Thomas T. Gould	East Burke	54	80.00	N/A
27.	Grandview Acres Water Co., Inc.	Rutland	33	129.00	N/A
28.	Green Acres Development Water Co.	Rutland	43	81.00	N/A
29.	Heath, P. J. Water System	Chelsea	11	12.00	N/A
30.	International Water Company	Derby Line	955	87.00	N/A
31.	J. & F. Water Company	Colchester Ctr.	27	N/A	70.00
32.	Jay Utility Company	Jay	0	24.00	N/A
33.	Keyser Water System	Chelsea	91	9.00	Var.
34.	Killington Heights Water System	Rutland	20	100.00	N/A
35.	Krohn, John F.	Milton	3	120.00	N/A
36.	L.&B. Water Works, Inc.	Wheelock	20	30.00	N/A
37.	Lapan Bay Water System	Lapan Bay	9	80.00	N/A
38.	Malletts Bay Avenue Water Co.	Colchester	85	74.00	95.00
39.	Middle Road Utility Co., Inc.	Colchester	0	N/A	N/A
40.	Montgomery Village Water Works	Montgomery	55	110.00	N/A
41.	Mountain Water Company	Warren	573	104.00	Var.
42.	Mountainview Estates Water System	Rutland Town	24	100.00	N/A
43.	Passumpsic Aqueduct System, Inc.	Passumpsic	35	31.25	N/A
44.	Pownal Water Company	South Pownal	190	36.00	N/A
45.	Quarry Hill Water Company, Inc.	Barre Town	28	100.00	N/A
46.	Riverside Water Works, Inc.	Beecher Falls	120	30.00	N/A
47.	Rock Ridge Development Water Corp.	St. George	17	100.00	N/A
48.	Robbins Mountain Comm. Water Sys.	Richmond	21	85.60	N/A
49.	Rolling Meadows Homeowners Assoc. Inc.	Newfane	23	100.00	N/A
50.	Sherwood Forest Development	Georgia	6	60.00	Var.
51.	St. George Estates Water Corp.	St. George	24	N/A	144.00
52.	Smugglers Notch Water Co.	Jeffersonville	296	Var.	N/A
53.	Starksboro Aqueduct Co.	Starksboro	54	48.00	N/A

Name of Company	Location	Number of Customers	Residential Flat	Residential Metered
54. Stowe Lower Village Water System	Stowe	55	113.20	N/A
55. Stratton Mountain Water Co., Inc.	Stratton/Windhall	275	Var.	N/A
56. Teachout Brothers Plumbing & Heating	East Haven	31	67.00	N/A
57. Towne Hill Water Co., Inc.	Montpelier	63	195.00	N/A
58. Treferen Water System	West Burke	30	12.00	N/A
59. Trombley Water System	Lake Bomoseen	25	96.00	N/A
60. Tygate Corp.	Huntington	26	72.00	N/A
61. Vancor Drive Water Assoc.	Saxtons River	6	N/A	N/A
62. Wagner Water System	West Burke	1	N/A	N/A
63. Walden Woods Water System	Essex	5	80.00	N/A
64. Waterbury Center Water Co.	Waterbury Center	110	36.00	N/A
65. Wells Lamson Water Co., Inc.	Websterville	17	50.00	N/A
66. West Burke Water System	West Burke	8	25.00	N/A
67. Westfield Water System	Westfield	40	150.00	N/A
68. Westminster Aqueduct Society	Westminster	64	70.00	N/A
69. Williston Hills Water Co., Inc.	Williston	56	109.00	N/A
70. Willoughby Lake Water	Willoughby Lake	16	25.00	N/A
71. Wind-Top Water Works, Inc.	Fairfax	35	150.00	N/A
72. Woodstock Aqueduct Co.	Woodstock	610	N/A	129

To obtain a rate comparison, it is necessary to make certain assumptions; these follow:

(1) 4 persons per family.
(2) Each family unit having a kitchen faucet and complete bathroom.
(3) Estimated annual use of 10,000 cu. ft. per family at 50 gal. per day ($4 \times 50 \times 365 \div 7.48$).

Notations:

N/A – Not applicable
VAR – Varies